

Converting Colors

XYZ(87.7388, 93.8606,
104.8800)

Have a look what the booklet for
XYZ(87.7388, 93.8606, 104.8800)
contains.

XYZ(87.8738, 94.0370, 104.7863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(87.8738, 94.0370,
104.7863)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FAFB
RGB	241, 250, 251
RGB Percent	95%, 98%, 98%
CMY	0.0549, 0.0196, 0.0157
CMYK	0.04, 0.00, 0.00, 0.02
HSL	186°, 56%, 96%
HSV	186°, 4%, 98%
XYZ	87.8738, 94.0370, 104.7863
YIQ	247.4230, -5.6850, -1.5970

Conversions

Conversions Part 2

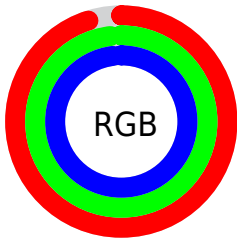
Format	Color
R_{YB}	241, 246, 251
Decimal	15858427
CIE _{Lab}	97.65, -2.77, -1.52
CIE _{LCh}	98, 3.155, 208.736
Yxy	94.0370, 0.3065, 0.3280
Android (android.graphics.Color)	4294048507 (0xFFFF1FAFB)
YUV	247.4230, 1.7635, -5.6330
Hunter-Lab	96.9727, -7.9507, 3.8136

Details

The XYZ color **87.8738, 94.0370, 104.7863** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.4132, 90.3635, 96.0552**, and the grayscale version is **88.7440, 93.3656, 101.6752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1497, 52.8380, 59.2380** is the 20% darker color. If you saturate the color by 10%, you get **79.1183, 88.3803, 104.1574**, and if you desaturate by 10%, it is **93.6223, 98.1640, 105.2814**.

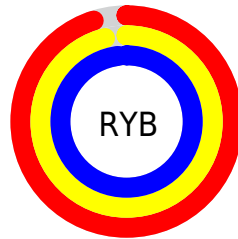
Distribution



Red (95%)

Green (98%)

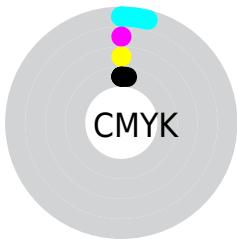
Blue (98%)



Red (95%)

Yellow (96%)

Blue (98%)

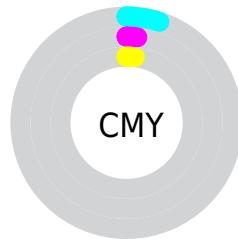


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (2%)



Cyan (5%)

Magenta (2%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8738, 94.0370, 104.7863 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 87.8738, 94.0370, 104.7863 by changing the saturation by 10% instead.

87.8738, 94.0370,
104.7863

87.8738, 94.0370,
104.7863

509.4315,
541.0774, 596.8087

66.5490, 71.3337,
79.6647

143.2749,
152.9335, 169.8283

48.9876, 52.6146,
58.9179

178.0819,
189.8955, 210.5857

34.8241, 37.4952,
42.1275

218.1136,
232.3793, 257.3922

23.6933, 25.5911,
28.8748

263.7355,
280.7691, 310.6662

15.2298, 16.5180,
18.7414

315.3129,
335.4495, 370.8263

9.0682, 9.8914,
11.3086

373.2111,

4.8431, 5.3270,

396.8047, 438.2911

6.1580

437.7955,
465.2192, 513.4790

■ 2.1893, 2.4404,
2.8711

■ 0.7371, 0.8466,
1.0292

■ 87.8738, 94.0370,
104.7863

■ 87.8738, 94.0370,
104.7863

■ 79.1183, 88.3803,
104.1574

■ 93.6223, 98.1640,
105.2814

■ 71.5029, 83.3240,
103.5828

■ 94.4129, 99.7451,
105.5449

■ 64.9790, 78.8456,
103.0622

■ 59.4914, 74.9165,
102.5930

■ 54.9799, 71.5056,
102.1724

■ 51.3783, 68.5788,
101.7973

■ 48.6119, 66.0976,
101.4642

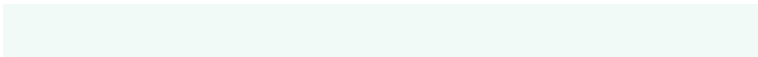
■ 46.5941, 64.0170,
101.1690

■ 45.2191, 62.2827,
100.9067

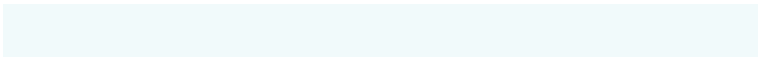
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6641, 94.0370, 102.2813



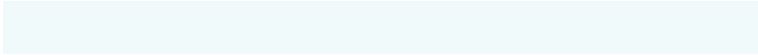
87.8738, 94.0370, 104.7863



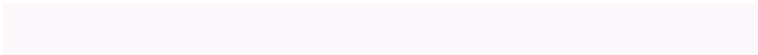
88.4862, 94.0370, 106.6759

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8738, 94.0370, 104.7863



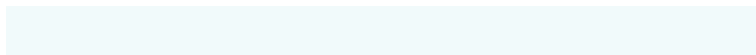
90.8635, 94.0370, 104.9783



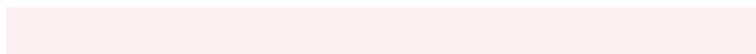
89.4174, 94.0370, 97.5254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



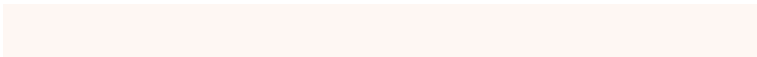
87.8738, 94.0370, 104.7863



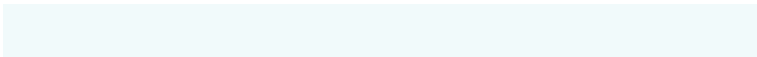
87.4132, 90.3635, 96.0552

Split Complementary

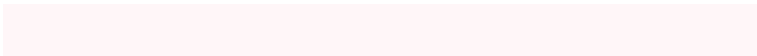
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2785, 94.0370, 98.2211



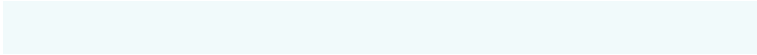
87.8738, 94.0370, 104.7863



91.1168, 94.0370, 102.4994

Square

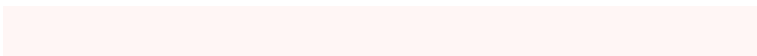
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8738, 94.0370, 104.7863



90.2121, 94.0370, 106.7880



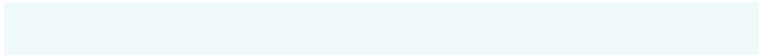
90.9020, 94.0370, 100.0311



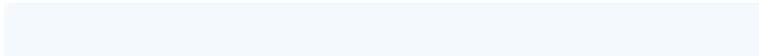
88.5517, 94.0370, 98.1150

Rectangle

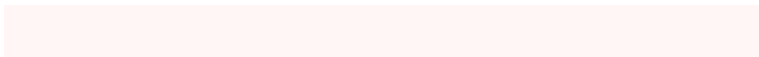
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



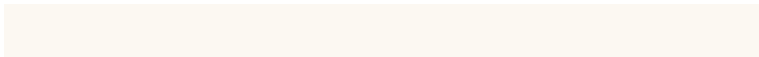
87.8738, 94.0370, 104.7863



89.0425, 94.0370, 107.3173



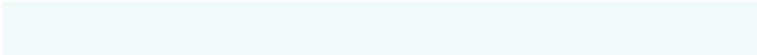
90.9020, 94.0370, 100.0311



89.7171, 94.0370, 97.6165

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.8765, 94.0410, 104.7884



94.0371, 99.3576, 108.8294



86.7762, 94.0974, 97.4636



20.1385, 21.2734, 23.2947



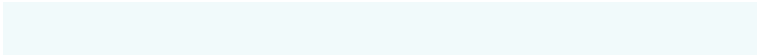
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

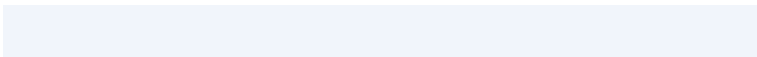
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8765, 94.0410, 104.7884



90.1100, 96.8539, 108.5531



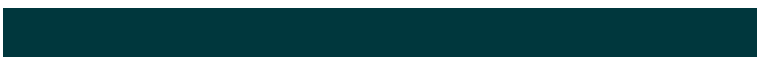
86.3925, 91.0730, 104.2937



18.3288, 19.7591, 22.2331



23.5097, 32.3750, 52.9835



2.2189, 3.0814, 4.9210

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.4963, 90.3237, 103.2171



90.9128, 92.0517, 106.5156



88.8721, 93.2812, 96.5415



18.5153, 18.6450, 21.7592



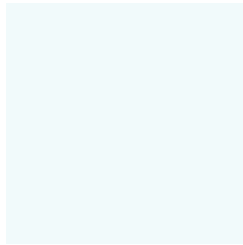
28.1586, 13.6792, 39.1394



2.6289, 1.2753, 3.7352

Previews

White Background



This preview shows how the XYZ color 87.8738, 94.0370, 104.7863 looks on a white background.

Color Contrast Check

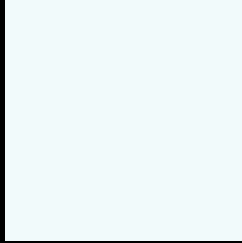
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 87.8738, 94.0370, 104.7863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

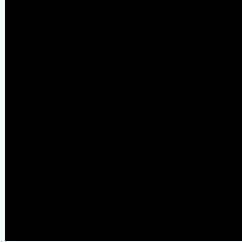
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

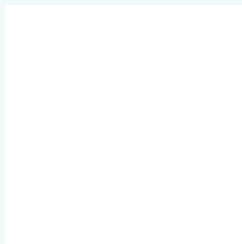
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8738, 94.0370, 104.7863

Background



This preview shows how black text looks on a background with the XYZ color 87.8738, 94.0370, 104.7863.

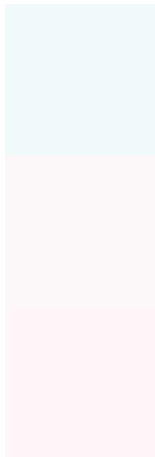


This preview shows how white text looks on a background with the XYZ color 87.8738, 94.0370,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.8738, 94.0370, 104.7863

Protanopia

90.5045, 94.0565, 103.0072

Deuteranopia

91.4511, 94.0737, 103.7805

Tritanopia

89.9752, 94.1290, 108.0342

Trichromacy



Original Color

87.8738, 94.0370, 104.7863

Protanomaly

89.5341, 93.9934, 103.8661

Deuteranomaly

89.9404, 93.7476, 103.7972

Tritanomaly

89.4213, 94.3196, 107.2584

Monochromacy



Original Color

87.8738, 94.0370, 104.7863

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.1669, 93.3246, 102.1735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8738, 94.0370, 104.7863 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 250, 251)` looks like.

```
.text, #text, p{  
    color:rgb(241, 250, 251)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 250, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 250, 251) }
```

Border

The CSS property to change the border of an element to XYZ 87.8738, 94.0370, 104.7863 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 250, 251) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 250, 251) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 250, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 250, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 250, 251);  
box-shadow:4px 4px 4px 4px rgb(241, 250,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8738, 94.0370, 104.7863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 250, 251) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
250, 251) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor