

Converting Colors

XYZ(87.9472, 90.4724,
103.7957)

Have a look what the booklet for
XYZ(87.9472, 90.4724, 103.7957)
contains.

XYZ(87.8761, 90.4258, 104.0891)	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(87.8761, 90.4258,
104.0891)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F2FB
RGB	248, 242, 251
RGB Percent	97%, 95%, 98%
CMY	0.0274, 0.0510, 0.0157
CMYK	0.01, 0.04, 0.00, 0.02
HSL	280°, 53%, 97%
HSV	280°, 4%, 98%
XYZ	87.8761, 90.4258, 104.0891
YIQ	244.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

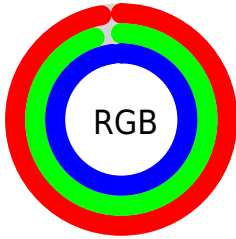
Format	Color
R_{YB}	248, 242, 251
Decimal	16315131
CIE _{Lab}	96.17, 3.59, -3.62
CIE _{LCh}	96, 5.098, 314.777
Yxy	90.4258, 0.3112, 0.3202
Android (android.graphics.Color)	4294505211 (0xFF8F2FB)
YUV	244.8200, 3.0467, 2.7889
Hunter-Lab	95.0925, -1.4579, 1.6654

Details

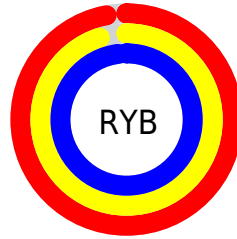
The XYZ color **87.8761, 90.4258, 104.0891** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1839, 94.8201, 97.6634**, and the grayscale version is **86.6246, 91.1358, 99.2469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.1475, 50.2644, 58.7414** is the 20% darker color. If you saturate the color by 10%, you get **78.0114, 75.0030, 101.6335**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5447**.

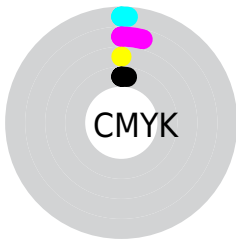
Distribution



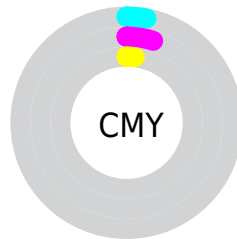
- Red (97%)
- Green (95%)
- Blue (98%)



- Red (97%)
- Yellow (95%)
- Blue (98%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8761, 90.4258, 104.0891 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 87.8761, 90.4258, 104.0891 by changing the saturation by 10% instead.

87.8761, 90.4258,
104.0891

87.8761, 90.4258,
104.0891

509.4389,
529.4150, 594.5829

66.5509, 68.3339,
79.0840

143.2781,
147.9297, 168.8660

48.9891, 50.1694,
58.4432

178.0855,
184.1105, 209.4749

34.8253, 35.5480,
41.7480

218.1178,
225.7563, 256.1222

23.6942, 24.0853,
28.5799

263.7403,
273.2515, 309.2264

15.2305, 15.3969,
18.5204

315.3183,
326.9806, 369.2060

9.0687, 9.0984,
11.1510

373.2171,

4.8435, 4.8054,

387.3280, 436.4796

6.0530

437.8022,
454.6780, 511.4657

■ 2.1895, 2.1336,
2.8080

■ 0.7372, 0.6834,
0.9975

■ 87.8761, 90.4258,
104.0891

■ 87.8761, 90.4258,
104.0891

■ 78.0114, 75.0030,
101.6335

94.4128, 99.7451,
105.5447

■ 69.2588, 61.6113,
99.5099

■ 61.5749, 50.1651,
97.7056

■ 54.9103, 40.5681,
96.2044

■ 49.2112, 32.7156,
94.9891

■ 44.4185, 26.4922,
94.0405

■ 40.4660, 21.7681,
93.3370

■ 37.2771, 18.3932,
92.8536

■ 34.7591, 16.1848,
92.5601

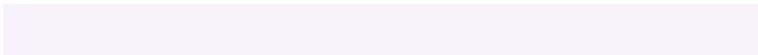
Harmonies

Analogous

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



86.6423, 90.4258, 106.1801



87.8761, 90.4258, 104.0891



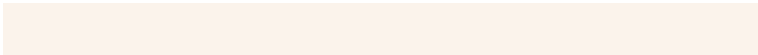
88.5970, 90.4258, 100.5168

Triad

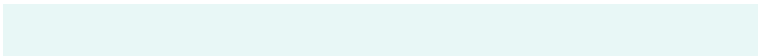
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8761, 90.4258, 104.0891



86.6628, 90.4258, 91.1352



83.3451, 90.4258, 100.4576

Complementary

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



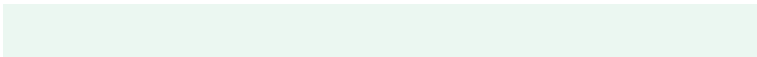
87.8761, 90.4258, 104.0891



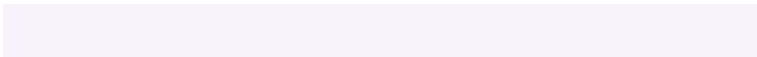
88.1839, 94.8201, 97.6634

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.



83.3504, 90.4258, 96.4281



87.8761, 90.4258, 104.0891



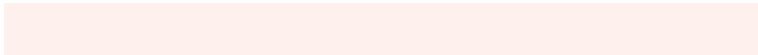
85.2555, 90.4258, 91.1203

Square

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



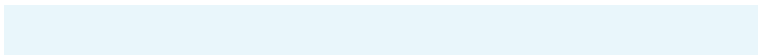
87.8761, 90.4258, 104.0891



87.8913, 90.4258, 93.0756



84.0464, 90.4258, 93.0344



84.0316, 90.4258, 104.0447

Rectangle

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



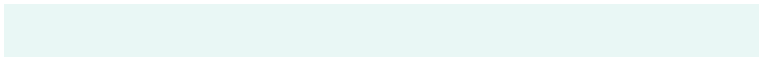
87.8761, 90.4258, 104.0891



88.6847, 90.4258, 97.8113



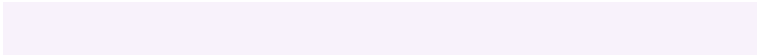
84.0464, 90.4258, 93.0344



83.2663, 90.4258, 99.1082

Sweetspot

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



87.8787, 90.4297, 104.0911



93.9297, 98.2229, 108.6160



86.7320, 91.2417, 104.3083



20.1166, 21.0425, 23.2513



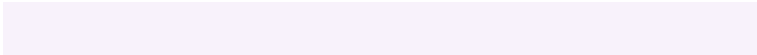
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

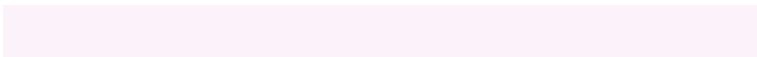
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8787, 90.4297, 104.0911



90.6415, 93.0244, 107.7859



88.7390, 90.8977, 103.0248



18.4092, 18.8035, 22.0445



17.7229, 8.0792, 48.5989



1.7538, 0.8062, 4.5064

Inverse Universe

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



88.0205, 90.6103, 99.2413



90.8065, 93.2337, 102.1810



87.3491, 94.3662, 98.6863



18.4497, 18.8544, 20.6873



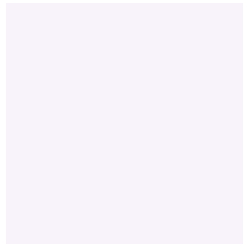
21.8072, 11.1386, 5.6931



2.0668, 1.0504, 0.7749

Previews

White Background



This preview shows how the XYZ color 87.8761, 90.4258, 104.0891 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 87.8761, 90.4258, 104.0891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

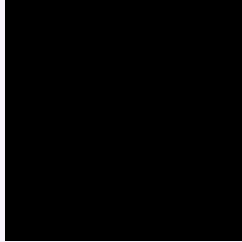
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

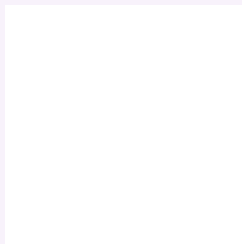
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.8761, 90.4258, 104.0891

Background



This preview shows how black text looks on a background with the XYZ color 87.8761, 90.4258, 104.0891.



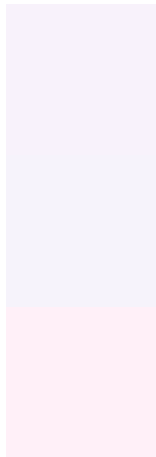
This preview shows how white text looks on a background with the XYZ color 87.8761, 90.4258,

104.0891.

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

87.8761, 90.4258, 104.0891

Protanopia

87.4692, 90.6590, 104.1556

Deuteranopia

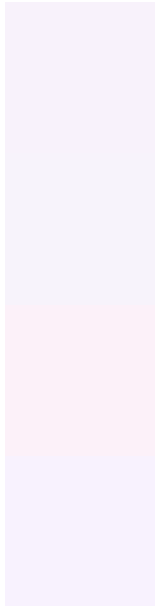
89.3434, 90.3575, 101.5388



Tritanopia

88.5135, 90.6807, 107.4457

Trichromacy



Original Color

87.8761, 90.4258, 104.0891

Protanomaly

87.8210, 90.8404, 104.1721

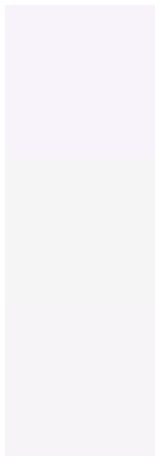
Deuteranomaly

88.6991, 90.4456, 102.4053

Tritanomaly

88.3529, 90.6165, 106.6000

Monochromacy



Original Color

87.8761, 90.4258, 104.0891

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.1452, 91.0096, 100.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8761, 90.4258, 104.0891 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(248, 242, 251) looks like.

```
.text, #text, p{  
    color:rgb(248, 242, 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(248, 242, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 242, 251) }
```

Border

The CSS property to change the border of an element to XYZ 87.8761, 90.4258, 104.0891 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(248, 242, 251) }
```


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

```
.border{ border-color:rgb(248, 242, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 242, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 242, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 242, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 242,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8761, 90.4258, 104.0891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 242, 251) }
```

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

```
.background{ background-color: rgb(248,  
242, 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