

Converting Colors

XYZ(88.2776, 96.6005,
104.4386)

Have a look what the booklet for
XYZ(88.2776, 96.6005, 104.4386)
contains.

XYZ(88.2752, 96.5993, 104.4354)	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(88.2752, 96.5993,
104.4354)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFFA
RGB	238, 255, 250
RGB Percent	93%, 100%, 98%
CMY	0.0667, 0.0000, 0.0196
CMYK	0.07, 0.00, 0.02, 0.00
HSL	162°, 100%, 97%
HSV	162°, 7%, 100%
XYZ	88.2752, 96.5993, 104.4354
YIQ	249.3470, -8.5270, -5.1590

Conversions

Conversions Part 2

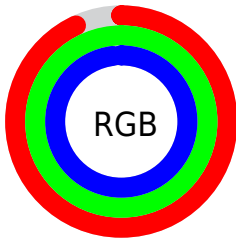
Format	Color
R _{YB}	238, 248, 255
Decimal	15663098
CIE _{Lab}	98.67, -6.43, 0.47
CIE _{LCh}	99, 6.452, 175.842
Y _{xy}	96.5993, 0.3051, 0.3339
Android (android.graphics.Color)	4293853178 (0xFFEEFFFA)
Y _{UV}	249.3470, 0.3219, -9.9513
Hunter-Lab	98.2849, -11.6778, 5.7992

Details

The XYZ color 88.2752, 96.5993, 104.4354 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9927, 88.8811, 97.3120, and the grayscale version is 90.3299, 95.0341, 103.4921.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2231, 54.2283, 58.9117 is the 20% darker color. If you saturate the color by 10%, you get 79.1590, 92.0329, 97.9936, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

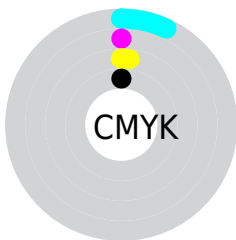
Distribution



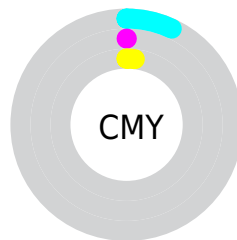
- Red (93%)
- Green (100%)
- Blue (98%)



- Red (93%)
- Yellow (97%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.2752, 96.5993, 104.4354 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 88.2752, 96.5993, 104.4354 by changing the saturation by 10% instead.

88.2752, 96.5993,
104.4354

88.2752, 96.5993,
104.4354

510.7260,
549.2724, 595.6890

66.8826, 73.4668,
79.3724

143.8308,
156.4723, 169.3440

49.2595, 54.3577,
58.6789

178.7245,
193.9815, 210.0268

35.0408, 38.8877,
41.9364

218.8492,
237.0518, 256.7532

23.8610, 26.6724,
28.7263

264.5703,
286.0675, 309.9418

15.3547, 17.3273,
18.6301

316.2532,
341.4130, 370.0111

9.1566, 10.4682,
11.2292

374.2632,

4.9014, 5.7104,

403.4727, 437.3797

6.1051

438.9657,
472.6310, 512.4662

■ 2.2237, 2.6698,
2.8393

■ 0.7552, 0.9619,
1.0132

■ 88.2752, 96.5993,
104.4354

■ 88.2752, 96.5993,
104.4354

■ 79.1590, 92.0329,
97.9936

95.0500, 100.0000,
108.9000

■ 71.2502, 88.0835,
91.8481

■ 64.4946, 84.7234,
85.9949

■ 58.8331, 81.9222,
80.4284

■ 54.2013, 79.6466,
75.1427

■ 50.5275, 77.8598,
70.1314

■ 47.7307, 76.5201,
65.3875

■ 45.7159, 75.5786,
60.9036

■ 44.3637, 74.9738,
56.6709

Harmonies

Analogous

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



88.8715, 96.5993, 99.5039



88.2752, 96.5993, 104.4354



88.6167, 96.5993, 109.7329

Triad

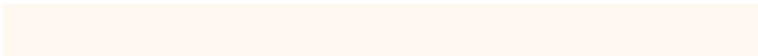
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2752, 96.5993, 104.4354



93.3909, 96.5993, 114.7225



93.8483, 96.5993, 96.8874

Complementary

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



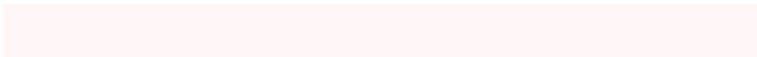
88.2752, 96.5993, 104.4354



87.9927, 88.8811, 97.3120

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.



95.0888, 96.5993, 100.7553



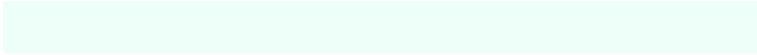
88.2752, 96.5993, 104.4354



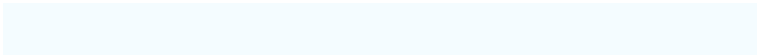
94.8222, 96.5993, 111.0684

Square

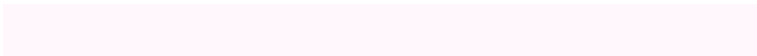
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.2752, 96.5993, 104.4354



91.5543, 96.5993, 115.7882



95.4476, 96.5993, 105.9286



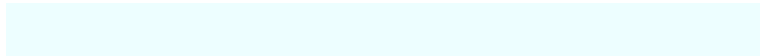
92.0757, 96.5993, 95.2408

Rectangle

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



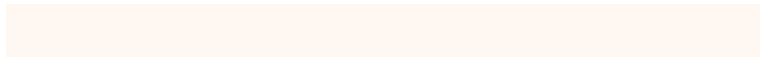
88.2752, 96.5993, 104.4354



89.3327, 96.5993, 112.7420



95.4476, 96.5993, 105.9286



94.3423, 96.5993, 97.9644

Sweetspot

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



88.2761, 96.5997, 104.4369



92.9580, 98.9493, 107.5467



88.1900, 96.7658, 94.9198



19.9188, 21.1902, 23.0337



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

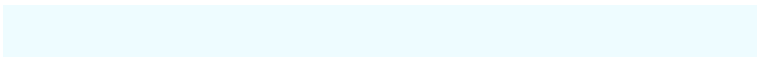
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2761, 96.5997, 104.4369



86.9881, 95.9538, 103.5600



87.9955, 94.7675, 108.2618



18.3139, 20.3851, 21.9558



23.0596, 39.1204, 29.2626



2.2931, 3.8282, 3.1012

Inverse Universe

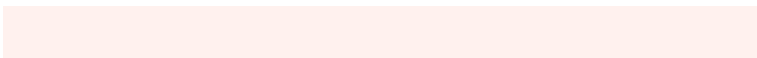
The Inverse Universe completely reimagines the original color for something new.



87.9927, 88.8811, 97.3120



86.6512, 86.7748, 95.0872



88.2471, 90.5816, 93.7231



18.2291, 18.0749, 19.8235



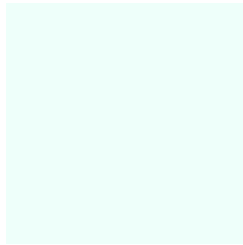
22.2684, 11.3966, 4.7978



2.2135, 1.1278, 0.7058

Previews

White Background



This preview shows how the XYZ color 88.2752, 96.5993, 104.4354 looks on a white background.

Color Contrast Check

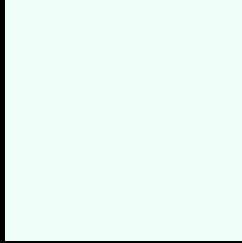
Large Text (above 18pt) WCAG AA × Fail

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 88.2752, 96.5993, 104.4354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

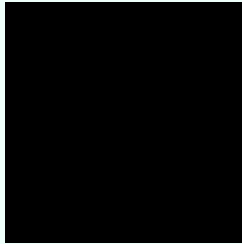
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.2752, 96.5993, 104.4354

Background



This preview shows how black text looks on a background with the XYZ color 88.2752, 96.5993, 104.4354.



This preview shows how white text looks on a background with the XYZ color 88.2752, 96.5993,

104.4354.

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

88.2752, 96.5993, 104.4354



Protanopia

92.3689, 96.4085, 102.5473

Deuteranopia

92.8382, 96.5962, 105.0186

Tritanopia

91.6141, 96.3541, 108.3774

Trichromacy



Original Color

88.2752, 96.5993, 104.4354

Protanomaly

90.9762, 96.6001, 103.4733

Deuteranomaly

91.2899, 96.7256, 105.1252

Tritanomaly

90.1962, 96.1251, 106.7287

Monochromacy



Original Color

88.2752, 96.5993, 104.4354

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.2523, 95.2464, 103.3028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2752, 96.5993, 104.4354 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(238, 255, 250)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 250)  
}
```

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(238, 255, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 250) }
```

Border

The CSS property to change the border of an element to XYZ 88.2752, 96.5993, 104.4354 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(238, 255, 250) }
```


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

```
.border{ border-color:rgb(238, 255, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 250);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2752, 96.5993, 104.4354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 250) }
```

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

```
.background{ background-color: rgb(238,  
255, 250) }
```

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