

Converting Colors

XYZ(88.0094, 91.4377,
101.8235)

Have a look what the booklet for
XYZ(88.0094, 91.4377, 101.8235)
contains.

XYZ(88.0054, 91.4351, 101.8173)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(88.0054, 91.4351,
101.8173)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F4F8
RGB	248, 244, 248
RGB Percent	97%, 96%, 97%
CMY	0.0274, 0.0431, 0.0274
CMYK	0.00, 0.02, 0.00, 0.03
HSL	300°, 22%, 96%
HSV	300°, 2%, 97%
XYZ	88.0054, 91.4351, 101.8173
YIQ	245.6520, 1.1000, 2.0920

Conversions

Conversions Part 2

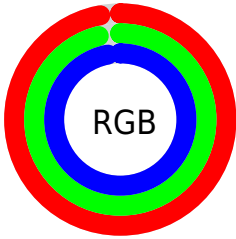
Format	Color
R_{YB}	248, 244, 248
Decimal	16315640
CIE _{Lab}	96.59, 2.04, -1.46
CIE _{LCh}	97, 2.505, 324.412
Yxy	91.4351, 0.3129, 0.3251
Android (android.graphics.Color)	4294505720 (0xFF8F4F8)
YUV	245.6520, 1.1576, 2.0592
Hunter-Lab	95.6217, -3.0556, 3.8036

Details

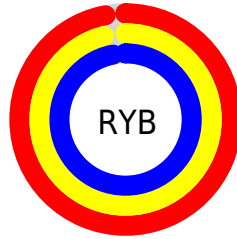
The XYZ color **88.0054, 91.4351, 101.8173** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.2082, 92.9021, 98.9282**, and the grayscale version is **87.3089, 91.8558, 100.0309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2359, 50.9787, 57.1140** is the 20% darker color. If you saturate the color by 10%, you get **81.0406, 77.5045, 99.4961**, and if you desaturate by 10%, it is **91.4157, 98.2543, 102.9559**.

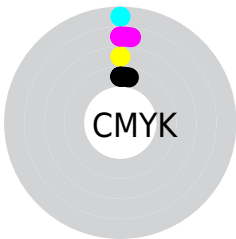
Distribution



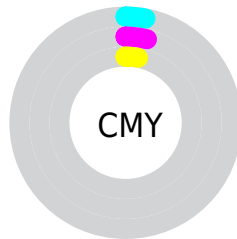
- Red (97%)
- Green (96%)
- Blue (97%)



- Red (97%)
- Yellow (96%)
- Blue (97%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (3%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.0054, 91.4351, 101.8173 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 88.0054, 91.4351, 101.8173 by changing the saturation by 10% instead.

88.0054, 91.4351,
101.8173

88.0054, 91.4351,
101.8173

509.8560,
532.6882, 587.2999

66.6583, 69.1715,
77.1938

143.4572,
149.3302, 165.7259

49.0767, 50.8514,
56.8994

178.2926,
185.7305, 205.8481

34.8951, 36.0904,
40.5157

218.3548,
227.6119, 251.9737

23.7482, 24.5040,
27.6240

264.0093,
275.3587, 304.5210

15.2707, 15.7079,
17.8058

315.6213,
329.3554, 363.9088

9.0971, 9.3177,
10.6427

373.5562,

4.8622, 4.9490,

389.9862, 430.5555

5.7160

438.1793,
457.6357, 504.8797

■ 2.2006, 2.2174,
2.6072

■ 0.7430, 0.7294,
0.8962

■ 88.0054, 91.4351,
101.8173

■ 88.0054, 91.4351,
101.8173

■ 81.0406, 77.5045,
99.4961

■ 91.4157, 98.2543,
102.9559

■ 75.0374, 65.4984,
97.4943

■ 91.4159, 98.2543,
102.9567

■ 69.9560, 55.3357,
95.7998

■ 91.4160, 98.2544,
102.9575

■ 65.7506, 46.9252,
94.3973

■ 91.4162, 98.2544,
102.9583

62.3719, 40.1680,
93.2703

91.4163, 98.2545,
102.9590

59.7654, 34.9552,
92.4007

91.4165, 98.2546,
102.9598

57.8701, 31.1649,
91.7682

91.4166, 98.2546,
102.9606

56.6160, 28.6570,
91.3495

91.4168, 98.2547,
102.9613

55.9188, 27.2628,
91.1164

91.4169, 98.2547,
102.9621

Harmonies

Analogous

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



87.4637, 91.4351, 103.1086



88.0054, 91.4351, 101.8173



88.2527, 91.4351, 99.9331

Triad

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



88.0054, 91.4351, 101.8173



87.0374, 91.4351, 95.7702



85.6865, 91.4351, 101.1588

Complementary

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



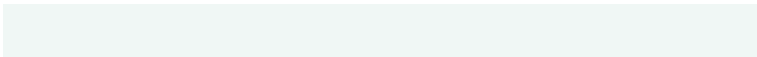
88.0054, 91.4351, 101.8173



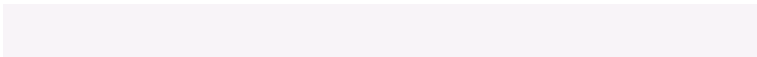
87.2082, 92.9021, 98.9282

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.



85.5737, 91.4351, 99.1824



88.0054, 91.4351, 101.8173



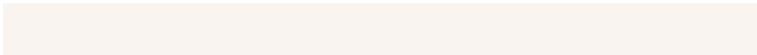
86.3513, 91.4351, 96.0885

Square

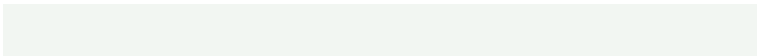
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.0054, 91.4351, 101.8173



87.6919, 91.4351, 96.4556



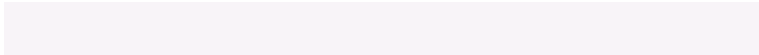
85.8164, 91.4351, 97.3310



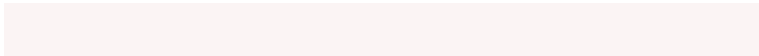
86.1254, 91.4351, 102.7248

Rectangle

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



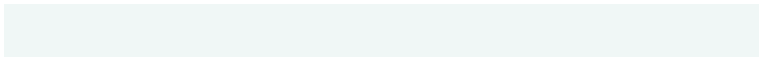
88.0054, 91.4351, 101.8173



88.2164, 91.4351, 98.6010



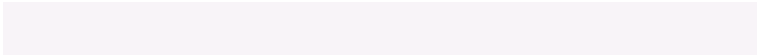
85.8164, 91.4351, 97.3310



85.6093, 91.4351, 100.5197

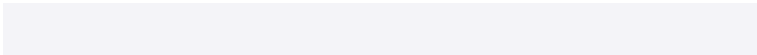
Sweetspot

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



88.0080, 91.4390, 101.8193

95.0500, 100.0000, 108.9000



86.6062, 90.7164, 101.7538



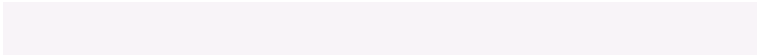
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

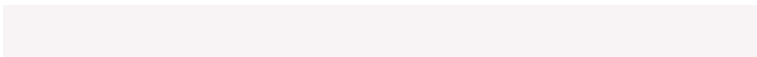
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.0080, 91.4390, 101.8193



93.4445, 96.7891, 108.3647



87.6996, 91.3157, 100.1953



19.1637, 19.8657, 22.2097



30.0639, 14.4413, 49.1724



2.7844, 1.3375, 4.5543

Inverse Universe

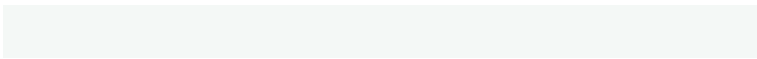
The Inverse Universe completely reimagines the original color for something new.



88.0080, 91.4390, 101.8193



93.4445, 96.7891, 108.3647



87.5133, 93.0241, 100.5348



19.1637, 19.8657, 22.2097



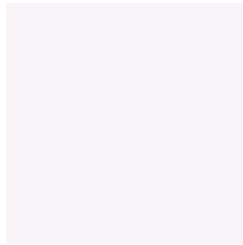
30.0639, 14.4413, 49.1724



2.7844, 1.3375, 4.5543

Previews

White Background



This preview shows how the XYZ color 88.0054, 91.4351, 101.8173 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 88.0054, 91.4351, 101.8173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

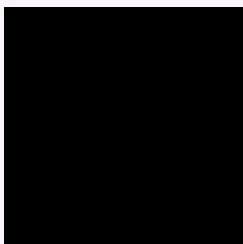
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

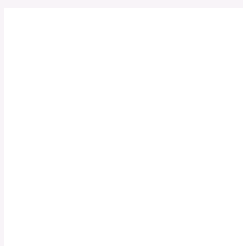
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.0054, 91.4351, 101.8173

Background



This preview shows how black text looks on a background with the XYZ color 88.0054, 91.4351, 101.8173.



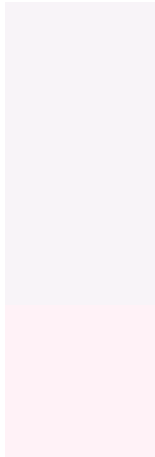
This preview shows how white text looks on a background with the XYZ color 88.0054, 91.4351,

101.8173.

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

88.0054, 91.4351, 101.8173

Protanopia

88.0054, 91.4351, 101.8173

Deuteranopia

89.7806, 91.4797, 100.9211



Tritanopia

88.8120, 91.2776, 107.5452

Trichromacy



Original Color

88.0054, 91.4351, 101.8173

Protanomaly

88.0054, 91.4351, 101.8173

Deuteranomaly

88.9840, 91.5120, 100.9693

Tritanomaly

88.3327, 91.0859, 105.0212

Monochromacy



Original Color

88.0054, 91.4351, 101.8173

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.7987, 91.7944, 101.0863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.0054, 91.4351, 101.8173 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, 244, 248) looks like.

```
.text, #text, p{  
    color:rgb(248, 244, 248)  
}
```

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, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 244, 248) }
```

Border

The CSS property to change the border of an element to XYZ 88.0054, 91.4351, 101.8173 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, 244, 248) }
```

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

```
.border{ border-color:rgb(248, 244, 248) }
```

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

Here you see how a box with a 4 pixel rgb(248, 244, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 244, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 244, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 244,  
248) }
```


Background

The CSS property to change the background color of an element to XYZ 88.0054, 91.4351, 101.8173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 244, 248) }
```

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

```
.background{ background-color: rgb(248,  
244, 248) }
```

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