

Converting Colors

XYZ(88.6023, 91.2876,
102.3187)

Have a look what the booklet for
XYZ(88.6023, 91.2876, 102.3187)
contains.

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Color

**XYZ(88.5738, 91.2647,
102.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF3F9
RGB	250, 243, 249
RGB Percent	98%, 95%, 98%
CMY	0.0196, 0.0470, 0.0235
CMYK	0.00, 0.03, 0.00, 0.02
HSL	309°, 41%, 97%
HSV	309°, 3%, 98%
XYZ	88.5738, 91.2647, 102.5700
YIQ	245.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

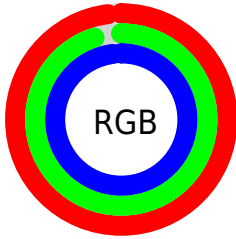
Format	Color
R _Y B	250, 243, 249
Decimal	16446457
CIE Lab	96.52, 3.39, -2.06
CIE LCh	97, 3.963, 328.691
Yxy	91.2647, 0.3136, 0.3232
Android (android.graphics.Color)	4294636537 (0xFFFAF3F9)
YUV	245.7770, 1.5889, 3.7036
Hunter-Lab	95.5326, -1.6842, 3.2152

Details

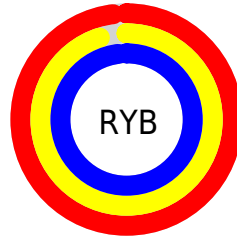
The XYZ color **88.5738, 91.2647, 102.5700** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.4803, 93.9600, 99.1180**, and the grayscale version is **87.4058, 91.9577, 100.1419**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6441, 50.8602, 57.6526** is the 20% darker color. If you saturate the color by 10%, you get **81.0447, 77.0888, 97.3372**, and if you desaturate by 10%, it is **92.8469, 98.9091, 106.7720**.

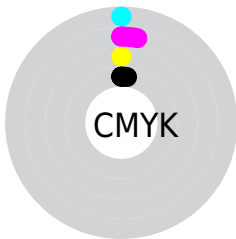
Distribution



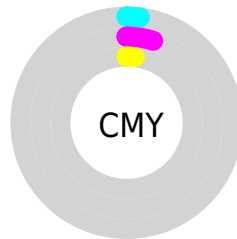
- Red (98%)
- Green (95%)
- Blue (98%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.5738, 91.2647, 102.5700 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 88.5738, 91.2647, 102.5700 by changing the saturation by 10% instead.

88.5738, 91.2647,
102.5700

88.5738, 91.2647,
102.5700

511.6878,
532.1363, 589.7182

67.1307, 69.0301,
77.8198

144.2442,
149.0939, 166.7671

49.4620, 50.7362,
57.4104

179.2022,
185.4572, 207.0510

35.2021, 35.9987,
40.9232

219.3960,
227.2989, 253.3499

23.9859, 24.4332,
27.9399

265.1908,
275.0033, 306.0824

15.4478, 15.6553,
18.0417

316.9520,
328.9549, 365.6669

9.2226, 9.2805,
10.8102

375.0450,

4.9449, 4.9246,

389.5380, 432.5220

5.8268

439.8352,
457.1370, 507.0662

■ 2.2494, 2.2031,
2.6730

■ 0.7686, 0.7217,
0.9298

■ 88.5738, 91.2647,
102.5700

■ 88.5738, 91.2647,
102.5700

■ 81.0447, 77.0888,
97.3372

■ 92.8469, 98.9091,
106.7720

■ 74.5012, 64.8687,
92.4840

■ 93.2349, 99.0643,
108.8151

■ 68.9024, 54.5211,
87.9973

■ 64.2012, 45.9520,
83.8613

■ 60.3466, 39.0594,
80.0586

■ 57.2822, 33.7309,
76.5703

■ 54.9450, 29.8402,
73.3748

■ 53.2619, 27.2416,
70.4477

■ 52.1447, 25.7584,
67.7592

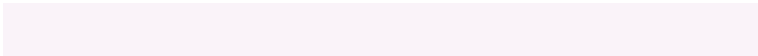
Harmonies

Analogous

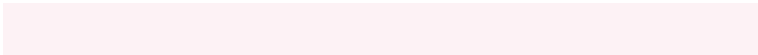
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7692, 91.2647, 104.8101



88.5738, 91.2647, 102.5700



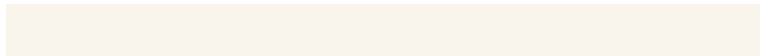
88.8876, 91.2647, 99.5109

Triad

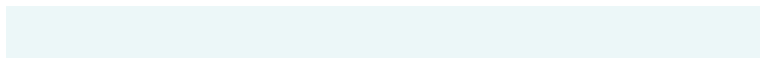
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5738, 91.2647, 102.5700



86.7929, 91.2647, 93.4071



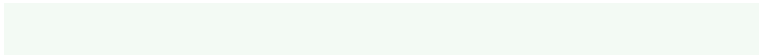
84.8924, 91.2647, 102.3241

Complementary

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



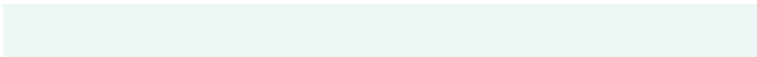
88.5738, 91.2647, 102.5700



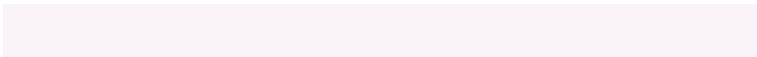
87.4803, 93.9600, 99.1180

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.



84.6359, 91.2647, 99.2327



88.5738, 91.2647, 102.5700



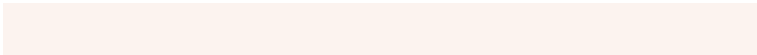
85.7275, 91.2647, 94.1248

Square

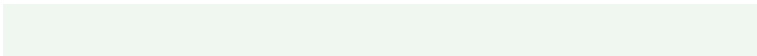
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



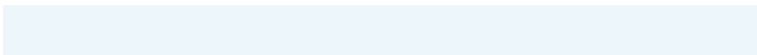
88.5738, 91.2647, 102.5700



87.8540, 91.2647, 94.2590



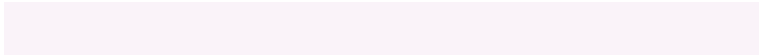
84.9403, 91.2647, 96.2407



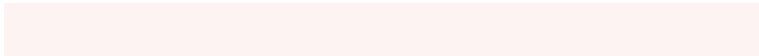
85.6441, 91.2647, 104.6661

Rectangle

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



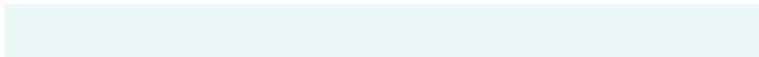
88.5738, 91.2647, 102.5700



88.7742, 91.2647, 97.4329



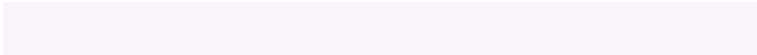
84.9403, 91.2647, 96.2407



84.7457, 91.2647, 101.3361

Sweetspot

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



88.5764, 91.2686, 102.5720



94.1833, 98.3603, 108.3218



86.5948, 90.2290, 103.2957



20.1682, 21.0704, 23.1914



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.



88.5764, 91.2686, 102.5720



92.4823, 95.1456, 107.1780



88.0460, 91.0565, 99.7791



18.8139, 19.2388, 21.8688



27.4092, 13.3794, 35.1928



2.5669, 1.2505, 3.4085

Inverse Universe

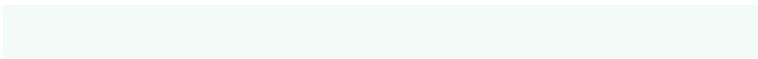
The Inverse Universe completely reimagines the original color for something new.



88.5764, 91.2686, 102.5720



92.4823, 95.1456, 107.1780



88.0062, 94.1703, 101.8875



18.8139, 19.2388, 21.8688



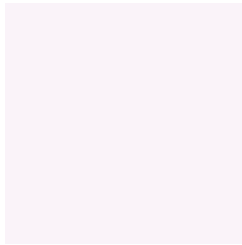
27.4092, 13.3794, 35.1928



2.5669, 1.2505, 3.4085

Previews

White Background



This preview shows how the XYZ color 88.5738, 91.2647, 102.5700 looks on a white background.

Color Contrast Check

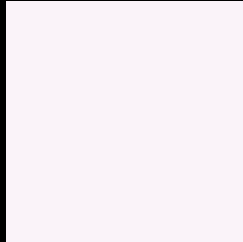
Large Text (above 18pt) WCAG AA × Fail

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 88.5738, 91.2647, 102.5700 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 88.5738, 91.2647, 102.5700

Background



This preview shows how black text looks on a background with the XYZ color 88.5738, 91.2647, 102.5700.



This preview shows how white text looks on a background with the XYZ color 88.5738, 91.2647,

102.5700.

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

88.5738, 91.2647, 102.5700

Protanopia

88.1610, 91.4974, 102.6367

Deuteranopia

89.7806, 91.4797, 100.9211



Tritanopia

89.1675, 91.4609, 107.5618

Trichromacy



Original Color

88.5738, 91.2647, 102.5700

Protanomaly

88.5165, 91.6807, 102.6533

Deuteranomaly

89.2034, 91.1642, 101.7019

Tritanomaly

88.8471, 91.3328, 105.8747

Monochromacy



Original Color

88.5738, 91.2647, 102.5700

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 88.5738, 91.2647, 102.5700 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(250, 243, 249) looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 249)  
}
```

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(250, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.5738, 91.2647, 102.5700 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(250, 243, 249) }
```


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

```
.border{ border-color:rgb(250, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5738, 91.2647, 102.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 249) }
```

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

```
.background{ background-color: rgb(250,  
243, 249) }
```

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](#).

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