

Converting Colors

XYZ(89.0318, 91.0651,
102.4212)

Have a look what the booklet for
XYZ(89.0318, 91.0651, 102.4212)
contains.

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Color

**XYZ(88.9959, 91.0393,
102.5043)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF2F9
RGB	252, 242, 249
RGB Percent	99%, 95%, 98%
CMY	0.0118, 0.0510, 0.0235
CMYK	0.00, 0.04, 0.01, 0.01
HSL	318°, 63%, 97%
HSV	318°, 4%, 99%
XYZ	88.9959, 91.0393, 102.5043
YIQ	245.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

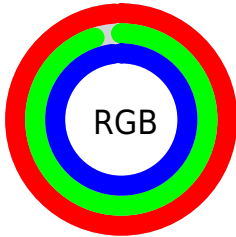
Format	Color
R _Y B	252, 242, 249
Decimal	16577273
CIE Lab	96.43, 4.56, -2.18
CIE LCh	96, 5.053, 334.477
Yxy	91.0393, 0.3150, 0.3222
Android (android.graphics.Color)	4294767353 (0xFFFCF2F9)
YUV	245.7880, 1.5835, 5.4479
Hunter-Lab	95.4145, -0.4833, 3.0946

Details

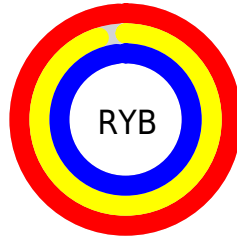
The XYZ color **88.9959, 91.0393, 102.5043** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9132, 95.0930, 100.1122**, and the grayscale version is **87.4139, 91.9662, 100.1512**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6902, 50.5702, 57.5941** is the 20% darker color. If you saturate the color by 10%, you get **80.8511, 76.5985, 94.0867**, and if you desaturate by 10%, it is **93.9554, 99.4357, 108.8488**.

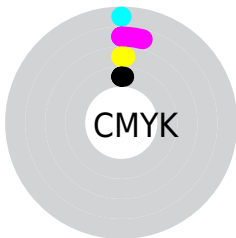
Distribution



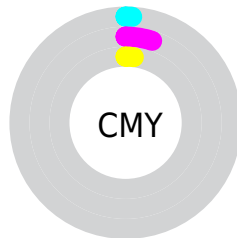
- Red (99%)
- Green (95%)
- Blue (98%)



- Red (99%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9959, 91.0393, 102.5043 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 88.9959, 91.0393, 102.5043 by changing the saturation by 10% instead.

88.9959, 91.0393,
102.5043

88.9959, 91.0393,
102.5043

513.0458,
531.4059, 589.5073

67.4817, 68.8430,
77.7651

144.8283,
148.7812, 166.6762

49.7483, 50.5838,
57.3658

179.8772,
185.0955, 206.9461

35.4304, 35.8775,
40.8876

220.1684,
226.8846, 253.2299

24.1627, 24.3396,
27.9123

266.0672,
274.5330, 305.9462

15.5797, 15.5857,
18.0211

317.9390,
328.4248, 365.5135

9.3162, 9.2315,
10.7955

376.1491,

5.0068, 4.8925,

388.9447, 432.3505

5.8171

441.0630,
456.4769, 506.8756

■ 2.2860, 2.1843,
2.6672

■ 0.7875, 0.7114,
0.9268

■ 88.9959, 91.0393,
102.5043

■ 88.9959, 91.0393,
102.5043

■ 80.8511, 76.5985,
94.0867

■ 93.9554, 99.4357,
108.8488

■ 73.7420, 64.1554,
86.2448

■ 67.6259, 53.6240,
78.9628

■ 62.4538, 44.9074,
72.2214

■ 58.1727, 37.9002,
66.0001

■ 54.7238, 32.4862,
60.2764

■ 52.0413, 28.5344,
55.0254

■ 50.0488, 25.8931,
50.2185

■ 48.6529, 24.3767,
45.8216

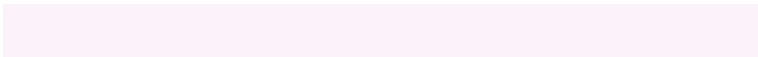
Harmonies

Analogous

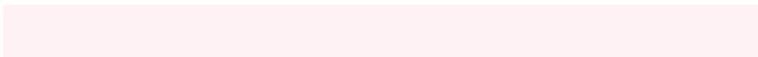
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.0715, 91.0393, 105.6553



88.9959, 91.0393, 102.5043



89.2569, 91.0393, 98.5225

Triad

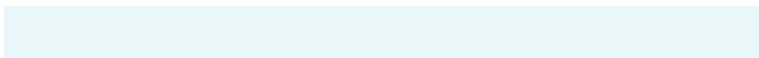
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.9959, 91.0393, 102.5043



86.3190, 91.0393, 91.5968



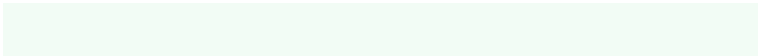
84.3178, 91.0393, 103.5797

Complementary

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



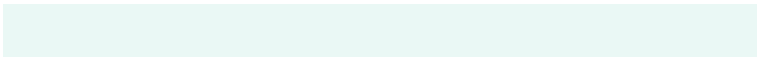
88.9959, 91.0393, 102.5043



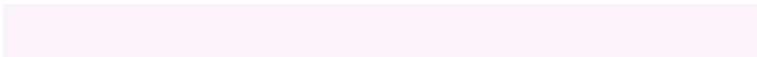
87.9132, 95.0930, 100.1122

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.



83.8595, 91.0393, 99.7326



88.9959, 91.0393, 102.5043



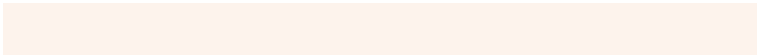
85.0069, 91.0393, 92.8720

Square

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



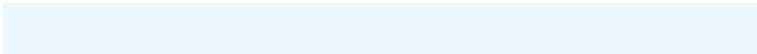
88.9959, 91.0393, 102.5043



87.7017, 91.0393, 92.2938



84.1103, 91.0393, 95.8234



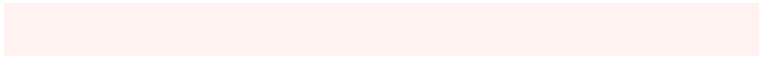
85.3690, 91.0393, 106.2879

Rectangle

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



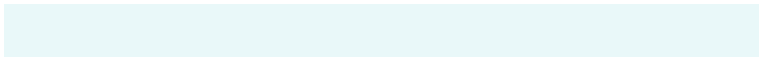
88.9959, 91.0393, 102.5043



89.0172, 91.0393, 95.9489



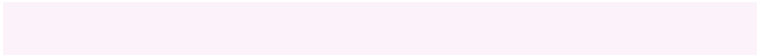
84.1103, 91.0393, 95.8234



84.0898, 91.0393, 102.3731

Sweetspot

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



88.9985, 91.0432, 102.5063



94.1189, 98.3346, 107.9830



86.9827, 89.9495, 104.8742



20.1551, 21.0652, 23.1225



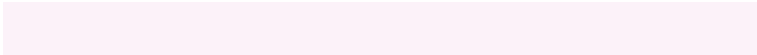
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

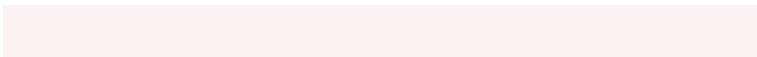
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9985, 91.0432, 102.5063



90.5065, 91.8892, 104.3764



88.2293, 90.7355, 98.4556



18.4207, 18.6072, 21.2612



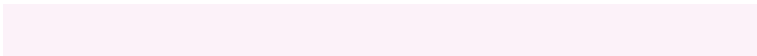
25.0814, 12.4483, 22.9348



2.3698, 1.1717, 2.3707

Inverse Universe

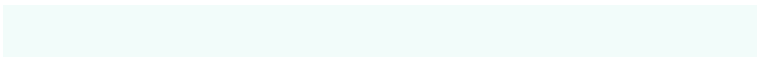
The Inverse Universe completely reimagines the original color for something new.



88.9985, 91.0432, 102.5063



90.5065, 91.8892, 104.3764



88.6866, 95.4023, 104.1847



18.4207, 18.6072, 21.2612



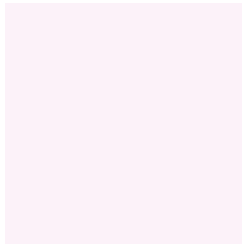
25.0814, 12.4483, 22.9348



2.3698, 1.1717, 2.3707

Previews

White Background



This preview shows how the XYZ color 88.9959, 91.0393, 102.5043 looks on a white background.

Color Contrast Check

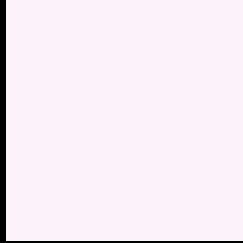
Large Text (above 18pt) WCAG AA × Fail

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 88.9959, 91.0393, 102.5043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

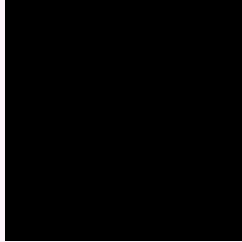
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.9959, 91.0393, 102.5043

Background



This preview shows how black text looks on a background with the XYZ color 88.9959, 91.0393, 102.5043.

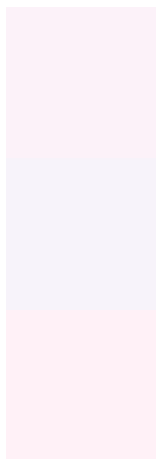


This preview shows how white text looks on a background with the XYZ color 88.9959, 91.0393,

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

88.9959, 91.0393, 102.5043

Protanopia

87.6637, 90.7775, 103.3439

Deuteranopia

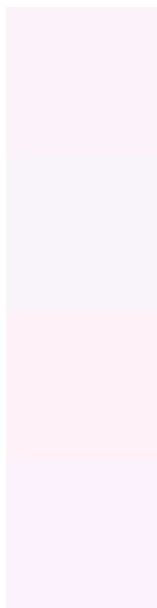
89.4838, 90.8860, 100.8221



Tritanopia

89.5858, 91.2335, 107.4959

Trichromacy



Original Color

88.9959, 91.0393, 102.5043

Protanomaly

88.3728, 91.1430, 103.3771

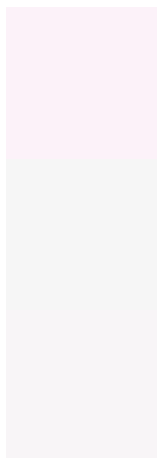
Deuteranomaly

89.2716, 90.7587, 101.6200

Tritanomaly

89.2654, 91.1053, 105.8088

Monochromacy



Original Color

88.9959, 91.0393, 102.5043

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

88.1523, 91.9767, 101.1028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.9959, 91.0393, 102.5043 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(252, 242, 249) looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 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(252, 242, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.9959, 91.0393, 102.5043 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(252, 242, 249) }
```


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

```
.border{ border-color:rgb(252, 242, 249) }
```

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

Here you see how a box with a 4 pixel rgb(252, 242, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 88.9959, 91.0393, 102.5043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 249) }
```

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

```
.background{ background-color: rgb(252,  
242, 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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