

Converting Colors

XYZ(89.8487, 92.7791,
104.4394)

Have a look what the booklet for
XYZ(89.8487, 92.7791, 104.4394)
contains.

XYZ(89.8487, 92.7791, 104.4394)	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(89.8487, 92.7791,
104.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF5FB
RGB	251, 245, 251
RGB Percent	98%, 96%, 98%
CMY	0.0157, 0.0392, 0.0157
CMYK	0.00, 0.02, 0.00, 0.02
HSL	300°, 43%, 97%
HSV	300°, 2%, 98%
XYZ	89.8487, 92.7791, 104.4394
YIQ	247.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

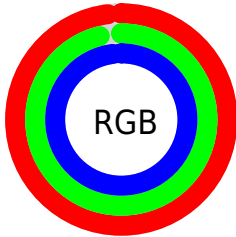
Format	Color
R _Y B	251, 245, 251
Decimal	16512507
CIE Lab	97.14, 3.05, -2.18
CIE LCh	97, 3.747, 324.493
Yxy	92.7791, 0.3130, 0.3232
Android (android.graphics.Color)	4294702587 (0xFFFBF5FB)
YUV	247.4780, 1.7363, 3.0888
Hunter-Lab	96.3219, -2.0592, 3.1387

Details

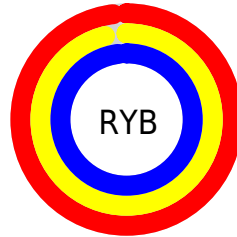
The XYZ color 89.8487, 92.7791, 104.4394 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 88.6383, 95.0020, 100.0565, and the grayscale version is 88.7848, 93.4086, 101.7219.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.5536, 51.9374, 58.9902 is the 20% darker color. If you saturate the color by 10%, you get 82.7655, 78.6116, 102.0791, and if you desaturate by 10%, it is 92.9572, 98.9947, 105.4771.

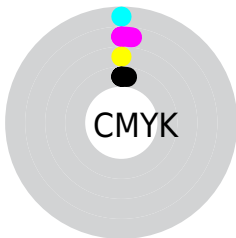
Distribution



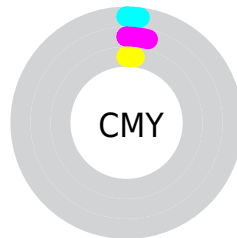
- Red (98%)
- Green (96%)
- Blue (98%)



- Red (98%)
- Yellow (96%)
- Blue (98%)



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




- Cyan (2%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.8487, 92.7791, 104.4394 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 89.8487, 92.7791, 104.4394 by changing the saturation by 10% instead.


 89.8487, 92.7791,
104.4394

 89.8487, 92.7791,
104.4394


515.7838,
537.0303, 595.7018

 68.1910, 70.2879,
79.3757

146.0076,
151.1927, 169.3496

 50.3274, 51.7613,
58.6816


181.2396,
187.8840, 210.0331

 35.8925, 36.8148,
41.9386


221.7270,
230.0774, 256.7605

 24.5209, 25.0642,
28.7280

267.8353,
278.1573, 309.9500

 15.8473, 16.1249,
18.6313

319.9298,
332.5082, 370.0204

 9.5063, 9.6126,
11.2301

378.3758,

 5.1326, 5.1428,

393.5144, 437.3901

6.1057

443.5386,
461.5603, 512.4777

■ 2.3608, 2.3313,
2.8396

■ 0.8255, 0.7902,
1.0133

■ 89.8487, 92.7791,
104.4394

■ 89.8487, 92.7791,
104.4394

■ 82.7655, 78.6116,
102.0791

■ 92.9572, 98.9947,
105.4771

■ 76.6686, 66.4178,
100.0464

■ 92.9573, 98.9948,
105.4775

■ 71.5165, 56.1137,
98.3287

■ 92.9574, 98.9948,
105.4779

■ 67.2620, 47.6049,
96.9102

■ 92.9574, 98.9948,
105.4782

63.8539, 40.7887,
95.7738

92.9575, 98.9948,
105.4786

61.2355, 35.5521,
94.9006

92.9576, 98.9949,
105.4790

59.3435, 31.7683,
94.2696

92.9577, 98.9949,
105.4794

58.1049, 29.2911,
93.8563

92.9577, 98.9949,
105.4798

57.4311, 27.9437,
93.6314

92.9578, 98.9950,
105.4802

Harmonies

Analogous

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



89.0291, 92.7791, 106.4110



89.8487, 92.7791, 104.4394



90.2224, 92.7791, 101.5803

Triad

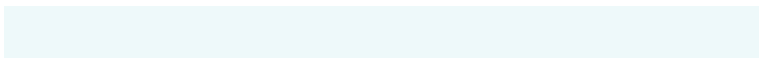
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.8487, 92.7791, 104.4394



88.3790, 92.7791, 95.3366



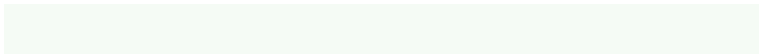
86.3470, 92.7791, 103.4532

Complementary

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



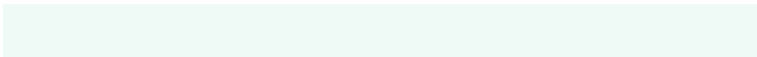
89.8487, 92.7791, 104.4394



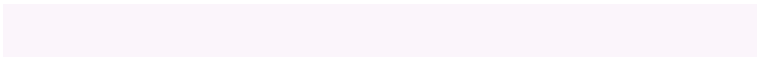
88.6383, 95.0020, 100.0565

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.



86.1760, 92.7791, 100.4631



89.8487, 92.7791, 104.4394



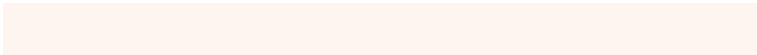
87.3438, 92.7791, 95.8155

Square

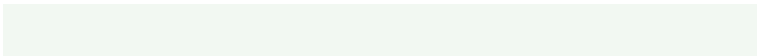
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



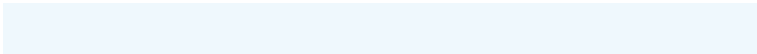
89.8487, 92.7791, 104.4394



89.3695, 92.7791, 96.3558



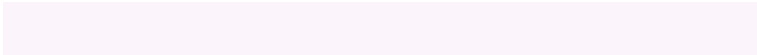
86.5395, 92.7791, 97.6774



87.0085, 92.7791, 105.8337

Rectangle

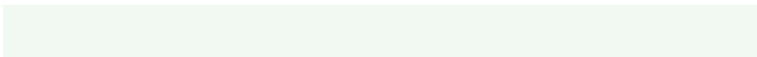
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



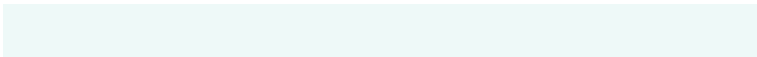
89.8487, 92.7791, 104.4394



90.1663, 92.7791, 99.5709



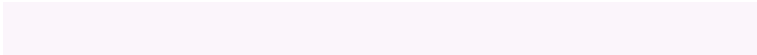
86.5395, 92.7791, 97.6774



86.2305, 92.7791, 102.4845

Sweetspot

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



89.8513, 92.7831, 104.4414



94.2419, 98.3838, 108.6306



87.7253, 91.6871, 104.3420



20.1802, 21.0752, 23.2543



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.



89.8513, 92.7831, 104.4414



92.6579, 95.2158, 108.1025



89.3824, 92.5955, 101.9718



18.8593, 19.2570, 22.1082



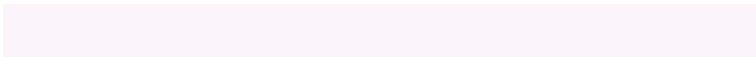
30.0643, 14.4414, 49.1745



2.7845, 1.3375, 4.5544

Inverse Universe

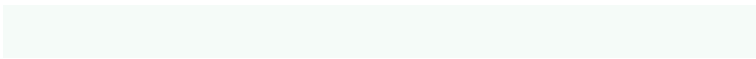
The Inverse Universe completely reimagines the original color for something new.



89.8513, 92.7831, 104.4414



92.6579, 95.2158, 108.1025



89.0999, 95.1866, 102.4868



18.8593, 19.2570, 22.1082



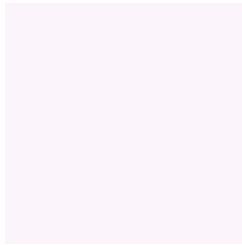
30.0643, 14.4414, 49.1745



2.7845, 1.3375, 4.5544

Previews

White Background



This preview shows how the XYZ color 89.8487, 92.7791, 104.4394 looks on a white background.

Color Contrast Check

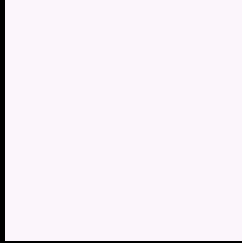
Large Text (above 18pt) WCAG AA × Fail

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 89.8487, 92.7791, 104.4394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

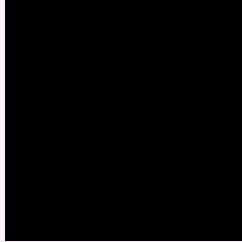
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.8487, 92.7791, 104.4394

Background



This preview shows how black text looks on a background with the XYZ color 89.8487, 92.7791, 104.4394.



This preview shows how white text looks on a background with the XYZ color 89.8487, 92.7791,

104.4394.

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

89.8487, 92.7791, 104.4394

Protanopia

89.4893, 92.5938, 104.4226

Deuteranopia

90.6896, 92.8009, 102.7550



Tritanopia

90.1267, 92.8488, 107.7792

Trichromacy



Original Color

89.8487, 92.7791, 104.4394

Protanomaly

89.4893, 92.5938, 104.4226

Deuteranomaly

90.4791, 92.6743, 103.5617

Tritanomaly

89.9661, 92.7846, 106.9334

Monochromacy



Original Color

89.8487, 92.7791, 104.4394

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.6104, 92.6453, 102.0190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.8487, 92.7791, 104.4394 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(251, 245, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 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(251, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 251) }
```

Border

The CSS property to change the border of an element to XYZ 89.8487, 92.7791, 104.4394 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(251, 245, 251) }
```


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

```
.border{ border-color:rgb(251, 245, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 245, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 245,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 89.8487, 92.7791, 104.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 251) }
```

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

```
.background{ background-color: rgb(251,  
245, 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](#).

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