

Converting Colors

XYZ(88.4852, 92.5555,
102.6008)

Have a look what the booklet for
XYZ(88.4852, 92.5555, 102.6008)
contains.

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Color

**XYZ(88.4124, 92.5252,
102.8219)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F6F9
RGB	247, 246, 249
RGB Percent	97%, 96%, 98%
CMY	0.0314, 0.0353, 0.0235
CMYK	0.01, 0.01, 0.00, 0.02
HSL	260°, 20%, 97%
HSV	260°, 1%, 98%
XYZ	88.4124, 92.5252, 102.8219
YIQ	246.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

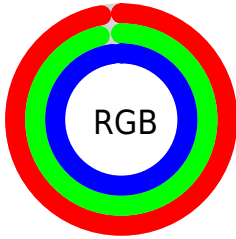
Format	Color
R_{YB}	247, 246, 249
Decimal	16250617
CIE _{Lab}	97.03, 0.87, -1.33
CIE _{LCh}	97, 1.588, 303.068
Yxy	92.5252, 0.3116, 0.3261
Android (android.graphics.Color)	4294440697 (0xFFFF7F6F9)
YUV	246.6410, 1.1630, 0.3148
Hunter-Lab	96.1900, -4.2655, 3.9552

Details

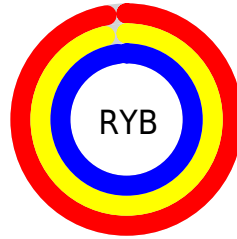
The XYZ color 88.4124, 92.5252, 102.8219 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 89.2252, 94.3642, 100.7049, and the grayscale version is 88.1099, 92.6985, 100.9486.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.5250, 51.7535, 57.8313 is the 20% darker color. If you saturate the color by 10%, you get 75.7381, 75.4940, 100.2039, and if you desaturate by 10%, it is 94.0992, 99.6197, 103.8929.

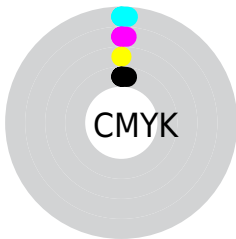
Distribution



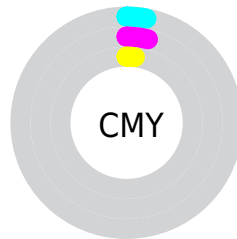
- Red (97%)
- Green (96%)
- Blue (98%)



- Red (97%)
- Yellow (96%)
- Blue (98%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.4124, 92.5252, 102.8219 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 88.4124, 92.5252, 102.8219 by changing the saturation by 10% instead.

88.4124, 92.5252,
102.8219

88.4124, 92.5252,
102.8219

511.1680,
536.2114, 590.5263

66.9966, 70.0769,
78.0293

144.0208,
150.8411, 167.1153

49.3525, 51.5893,
57.5815

178.9440,
187.4775, 207.4533

35.1149, 36.6778,
41.0598

219.1005,
229.6121, 253.8101

23.9183, 24.9581,
28.0458

264.8555,
277.6293, 306.6044

15.3975, 16.0458,
18.1208

316.5744,
331.9134, 366.2546

9.1869, 9.5566,
10.8664

374.6225,

4.9214, 5.1060,

392.8489, 433.1793

5.8640

439.3653,
460.8201, 507.7970

■ 2.2355, 2.3096,
2.6951

■ 0.7613, 0.7788,
0.9410

■ 88.4124, 92.5252,
102.8219

■ 88.4124, 92.5252,
102.8219

■ 75.7381, 75.4940,
100.2039

■ 94.0992, 99.6197,
103.8929

■ 64.5455, 60.6715,
97.9328

■ 54.7802, 47.9690,
95.9957

■ 46.3815, 37.2869,
94.3765

■ 39.2841, 28.5177,
93.0579

■ 33.4169, 21.5434,
92.0210

■ 28.7015, 16.2327,
91.2445

■ 25.0491, 12.4354,
90.7040

■ 22.3557, 9.9727,
90.3706

Harmonies

Analogous

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



87.9885, 92.5252, 103.2232



88.4124, 92.5252, 102.8219



88.7112, 92.5252, 101.8636

Triad

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



88.4124, 92.5252, 102.8219



88.3324, 92.5252, 98.5648



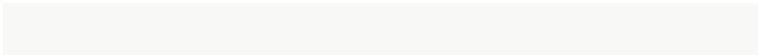
87.0866, 92.5252, 100.8761

Complementary

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



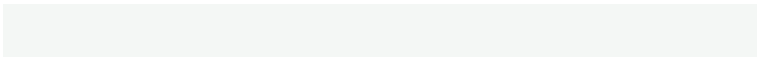
88.4124, 92.5252, 102.8219



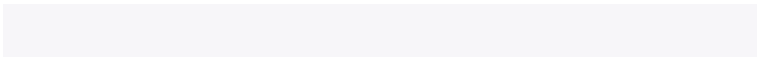
89.2252, 94.3642, 100.7049

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.



87.1781, 92.5252, 99.6330



88.4124, 92.5252, 102.8219



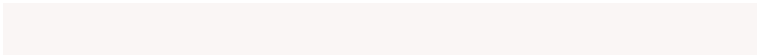
87.8964, 92.5252, 98.3053

Square

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



88.4124, 92.5252, 102.8219



88.6649, 92.5252, 99.4066



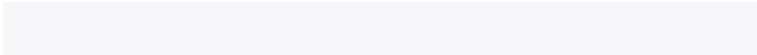
87.4741, 92.5252, 98.6947



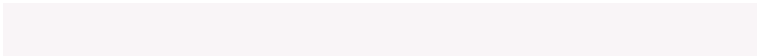
87.2239, 92.5252, 102.0938

Rectangle

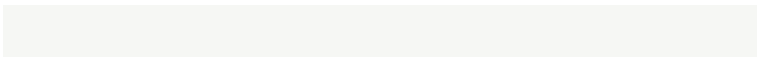
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.4124, 92.5252, 102.8219



88.7987, 92.5252, 101.0417



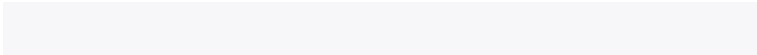
87.4741, 92.5252, 98.6947



87.0917, 92.5252, 100.4473

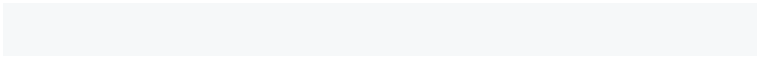
Sweetspot

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



88.4150, 92.5292, 102.8239

95.0500, 100.0000, 108.9000



88.6909, 93.6010, 103.0163



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.



88.4150, 92.5292, 102.8239



93.6183, 98.0623, 108.6014



88.9287, 92.7940, 102.8480



19.1976, 20.1135, 22.2558



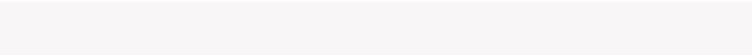
11.1850, 4.7088, 48.2929



1.1432, 0.4914, 4.4778

Inverse Universe

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



88.9693, 92.8328, 102.0411



94.1057, 98.3293, 107.9135



88.7127, 94.1000, 100.6809



19.2923, 20.1654, 22.1220



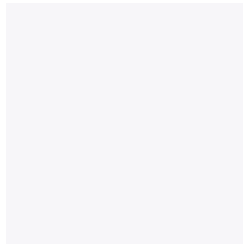
24.6763, 12.2862, 20.8017



2.3346, 1.1576, 2.1852

Previews

White Background



This preview shows how the XYZ color 88.4124, 92.5252, 102.8219 looks on a white background.

Color Contrast Check

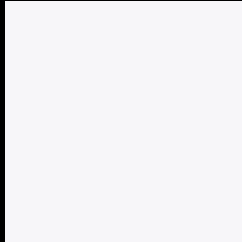
Large Text (above 18pt) WCAG AA × Fail

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 88.4124, 92.5252, 102.8219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

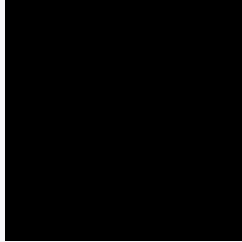
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

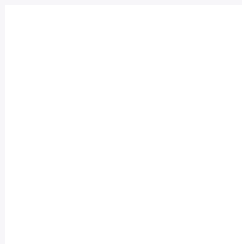
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.4124, 92.5252, 102.8219

Background



This preview shows how black text looks on a background with the XYZ color 88.4124, 92.5252, 102.8219.



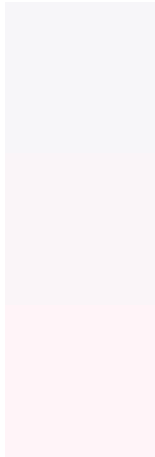
This preview shows how white text looks on a background with the XYZ color 88.4124, 92.5252,

102.8219.

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

88.4124, 92.5252, 102.8219

Protanopia

89.0200, 92.4061, 101.9512

Deuteranopia

90.5340, 92.7387, 101.9356



Tritanopia

89.4138, 92.4813, 107.7458

Trichromacy



Original Color

88.4124, 92.5252, 102.8219

Protanomaly

88.6626, 92.2219, 101.9345

Deuteranomaly

89.7406, 92.7776, 101.9850

Tritanomaly

89.0934, 92.3531, 106.0587

Monochromacy



Original Color

88.4124, 92.5252, 102.8219

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.5618, 93.0730, 102.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4124, 92.5252, 102.8219 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(247, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(247, 246, 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(247, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 88.4124, 92.5252, 102.8219 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(247, 246, 249) }
```

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

```
.border{ border-color:rgb(247, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(247, 246,  
249) }
```


Background

The CSS property to change the background color of an element to XYZ 88.4124, 92.5252, 102.8219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 246, 249) }
```

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

```
.background{ background-color: rgb(247,  
246, 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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