

Converting Colors

XYZ(87.6747, 92.4403, 99.1882)

Have a look what the booklet for
XYZ(87.6747, 92.4403, 99.1882)
contains.

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Color

**XYZ(87.2909, 92.0360,
98.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F6F4
RGB	246, 246, 244
RGB Percent	96%, 96%, 96%
CMY	0.0353, 0.0353, 0.0431
CMYK	0.00, 0.00, 0.01, 0.04
HSL	60°, 10%, 96%
HSV	60°, 1%, 96%
XYZ	87.2909, 92.0360, 98.7520
YIQ	245.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

Format	Color
RYB	244, 246, 244
Decimal	16185076
CIELab	96.84, -0.35, 0.95
CIElCh	97, 1.010, 110.029
Yxy	92.0360, 0.3139, 0.3310
Android (android.graphics.Color)	4294375156 (0xFFFF6F6F4)
YUV	245.7720, -0.8736, 0.2000
Hunter-Lab	95.9354, -5.4711, 6.1241

Details

The XYZ color 87.2909, 92.0360, 98.7520 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.2971, 90.5908, 100.1309, and the grayscale version is 87.4219, 91.9746, 100.1604.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.7258, 51.4049, 54.9310 is the 20% darker color. If you saturate the color by 10%, you get 83.7840, 90.6340, 80.3733, and if you desaturate by 10%, it is 89.0332, 92.7381, 107.8154.

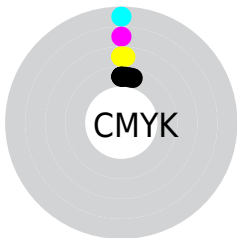
Distribution



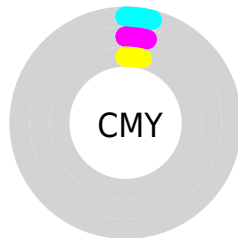
- Red (96%)
- Green (96%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.2909, 92.0360, 98.7520 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 87.2909, 92.0360, 98.7520 by changing the saturation by 10% instead.

87.2909, 92.0360,
98.7520

87.2909, 92.0360,
98.7520

507.5485,
534.6319, 577.3965

66.0648, 69.6705,
74.6476

142.4671,
150.1633, 161.4780

48.5929, 51.2580,
54.8243

177.1480,
186.6939, 200.9367

34.5099, 36.4140,
38.8634

217.0444,
228.7150, 246.3505

23.4503, 24.7541,
26.3465

262.5218,
276.6110, 298.1381

15.0489, 15.8939,
16.8549

313.9456,
330.7663, 356.7180

8.9402, 9.4491,
9.9702

371.6811,

4.7590, 5.0353,

391.5653, 422.5086

5.2739

436.0936,
459.3923, 495.9286

■ 2.1399, 2.2680,
2.3473

■ 0.7108, 0.7567,
0.7575

■ 87.2909, 92.0360,
98.7520

■ 87.2909, 92.0360,
98.7520

■ 83.7840, 90.6340,
80.3733

■ 89.0332, 92.7381,
107.8154

■ 80.7536, 89.4196,
64.5152


■ 89.0524, 92.7479,
107.8163


■ 78.1814, 88.3885,
51.0696


■ 89.0715, 92.7578,
107.8172


■ 76.0448, 87.5316,
39.9184


■ 89.0907, 92.7677,
107.8181


 74.3196, 86.8394,
30.9334


 89.1098, 92.7776,
107.8190


 72.9791, 86.3010,
23.9741


 89.1290, 92.7874,
107.8199


 71.9934, 85.9045,
18.8831

 89.1482, 92.7973,
107.8208

 71.3283, 85.6362,
15.4803

 89.1673, 92.8072,
107.8217

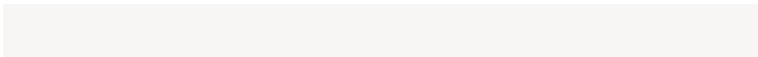
 70.9428, 85.4798,
13.5497

 89.1865, 92.8171,
107.8226

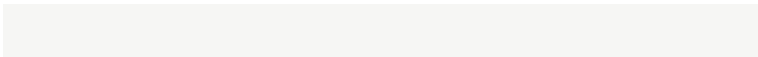
Harmonies

Analogous

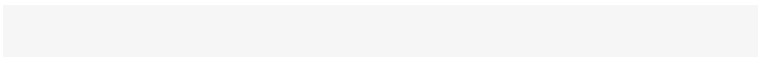
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5719, 92.0360, 98.6819



87.2909, 92.0360, 98.7520



87.0604, 92.0360, 99.2120

Triad

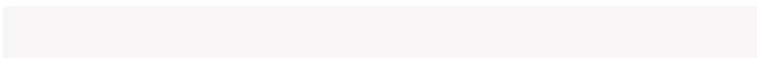
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2909, 92.0360, 98.7520



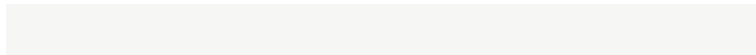
87.1278, 92.0360, 101.4127



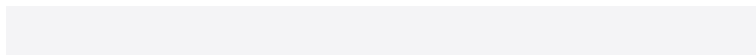
88.0154, 92.0360, 100.4821

Complementary

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



87.2909, 92.0360, 98.7520



86.2971, 90.5908, 100.1309

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.



87.8959, 92.0360, 101.2178



87.2909, 92.0360, 98.7520



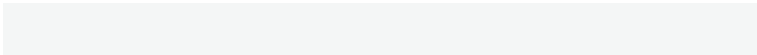
87.3831, 92.0360, 101.7570

Square

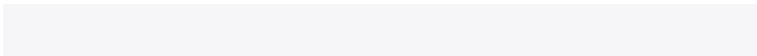
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



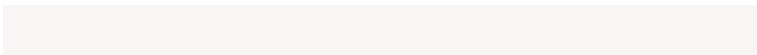
87.2909, 92.0360, 98.7520



86.9663, 92.0360, 100.7472



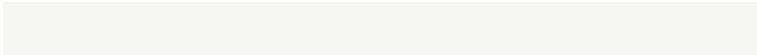
87.6643, 92.0360, 101.6854



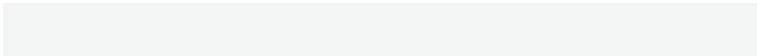
87.9906, 92.0360, 99.6778

Rectangle

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



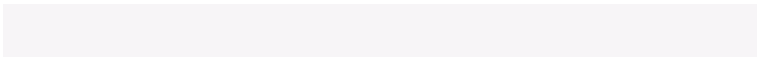
87.2909, 92.0360, 98.7520



86.9661, 92.0360, 99.6793



87.6643, 92.0360, 101.6854



87.9908, 92.0360, 100.7457

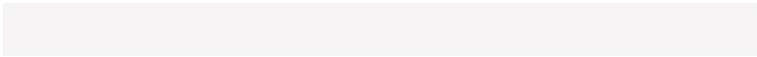
Sweetspot

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



87.2935, 92.0400, 98.7540

95.0500, 100.0000, 108.9000



86.6887, 90.8281, 98.5520



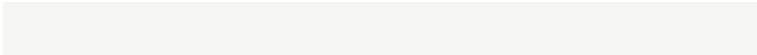
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

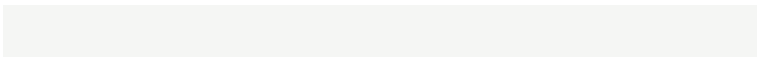
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2935, 92.0400, 98.7540



94.6400, 99.8358, 106.7520



86.9445, 91.8600, 98.7377



18.5532, 19.5689, 20.9451



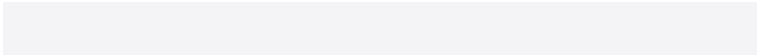
37.7764, 45.5873, 6.8082



3.3213, 4.0073, 0.5984

Inverse Universe

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



86.2971, 90.5908, 100.1309



93.3120, 97.9044, 108.5871



86.6442, 90.7698, 100.1472



18.3067, 19.2105, 21.2857



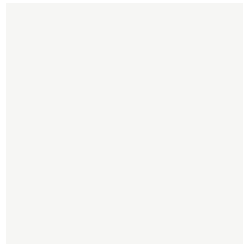
8.8841, 3.5542, 46.7558



0.7820, 0.3130, 4.1094

Previews

White Background



This preview shows how the XYZ color 87.2909, 92.0360, 98.7520 looks on a white background.

Color Contrast Check

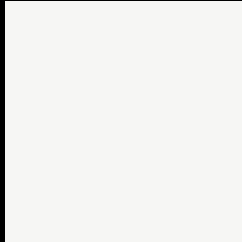
Large Text (above 18pt) WCAG AA × Fail

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 87.2909, 92.0360, 98.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

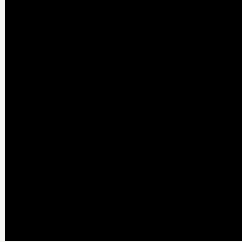
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

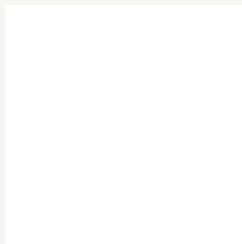
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 87.2909, 92.0360, 98.7520

Background



This preview shows how black text looks on a background with the XYZ color 87.2909, 92.0360, 98.7520.



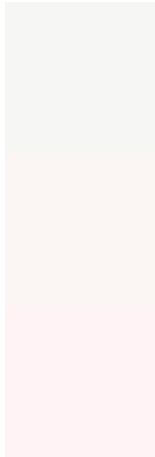
This preview shows how white text looks on a background with the XYZ color 87.2909, 92.0360,

98.7 20.

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

87.2909, 92.0360, 98.7520

Protanopia

88.6137, 92.2851, 97.9364

Deuteranopia

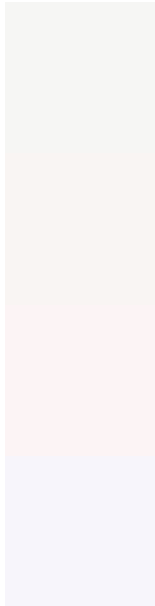
89.9251, 92.0150, 100.2099



Tritanopia

88.7585, 91.6955, 107.6287

Trichromacy



Original Color

87.2909, 92.0360, 98.7520

Protanomaly

87.8970, 91.9156, 97.9028

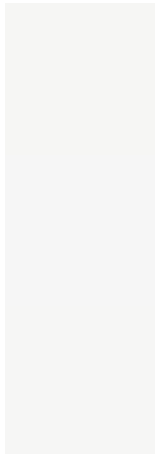
Deuteranomaly

88.9770, 91.9894, 99.4523

Tritanomaly

88.4228, 92.0440, 104.3727

Monochromacy



Original Color

87.2909, 92.0360, 98.7520

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.4432, 92.0969, 99.5539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.2909, 92.0360, 98.7520 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(246, 246, 244) looks like.

```
.text, #text, p{  
    color:rgb(246, 246, 244)  
}
```

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(246, 246, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 246, 244) }
```

Border

The CSS property to change the border of an element to XYZ 87.2909, 92.0360, 98.7520 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(246, 246, 244) }
```

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

```
.border{ border-color:rgb(246, 246, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 246, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 246, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 246, 244); box-shadow:4px 4px 4px 4px rgb(246, 246, 244) }
```


Background

The CSS property to change the background color of an element to XYZ 87.2909, 92.0360, 98.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 246, 244) }
```

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

```
.background{ background-color: rgb(246,  
246, 244) }
```

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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