

Converting Colors

XYZ(86.7653, 92.1672, 99.6181)

Have a look what the booklet for
XYZ(86.7653, 92.1672, 99.6181)
contains.

XYZ(86.7043, 92.1688, 99.6067)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(86.7043, 92.1688,
99.6067)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7F5
RGB	243, 247, 245
RGB Percent	95%, 97%, 96%
CMY	0.0471, 0.0313, 0.0392
CMYK	0.02, 0.00, 0.01, 0.03
HSL	150°, 20%, 96%
HSV	150°, 2%, 97%
XYZ	86.7043, 92.1688, 99.6067
YIQ	245.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

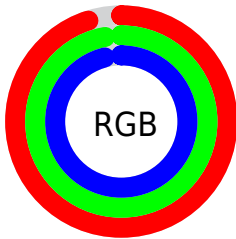
Format	Color
R_{YB}	243, 246, 247
Decimal	15988725
CIE Lab	96.89, -1.67, 0.49
CIE LCh	97, 1.740, 163.791
Yxy	92.1688, 0.3113, 0.3310
Android (android.graphics.Color)	4294178805 (0xFF F3 F7 F5)
YUV	245.5760, -0.2840, -2.2592
Hunter-Lab	96.0046, -6.7999, 5.6886

Details

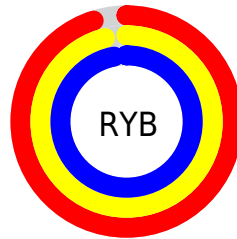
The XYZ color **86.7043, 92.1688, 99.6067** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.8932, 90.4702, 99.2735**, and the grayscale version is **87.2605, 91.8048, 99.9754**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3096, 51.5005, 55.5385** is the 20% darker color. If you saturate the color by 10%, you get **76.9225, 87.3396, 89.6246**, and if you desaturate by 10%, it is **92.5526, 95.0051, 108.0675**.

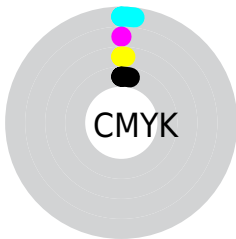
Distribution



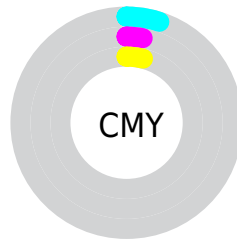
- Red (95%)
- Green (97%)
- Blue (96%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7043, 92.1688, 99.6067 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 86.7043, 92.1688, 99.6067 by changing the saturation by 10% instead.

86.7043, 92.1688,
99.6067

86.7043, 92.1688,
99.6067

505.6498,
535.0609, 580.1669

65.5777, 69.7808,
75.3571

141.6537,
150.3473, 162.6638

48.1961, 51.3479,
55.4020

176.2072,
186.9067, 202.3083

34.1941, 36.4855,
39.3229

215.9672,
228.9586, 247.9215

23.2064, 24.8094,
26.7012

261.2988,
276.8875, 299.9219

14.8675, 15.9351,
17.1185

312.5676,
331.0778, 358.7281

8.8122, 9.4783,
10.1562

370.1387,

4.6750, 5.0544,

391.9139, 424.7587

5.3957

434.3777,
459.7801, 498.4321

■ 2.0906, 2.2792,
2.4185

■ 0.6841, 0.7627,
0.7965

■ 86.7043, 92.1688,
99.6067

■ 86.7043, 92.1688,
99.6067

■ 76.9225, 87.3396,
89.6246

■ 92.5526, 95.0051,
108.0675

■ 68.3631, 83.1236,
80.3435

■ 60.9778, 79.4989,
71.7497

■ 54.7117, 76.4375,
63.8272

■ 49.5058, 73.9092,
56.5591

■ 45.2950, 71.8808,
49.9280

■ 42.0068, 70.3154,
43.9152

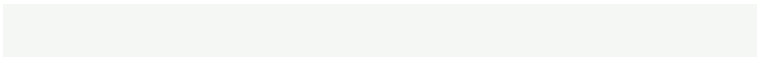
■ 39.5584, 69.1705,
38.5012

■ 37.8502, 68.3952,
33.6650

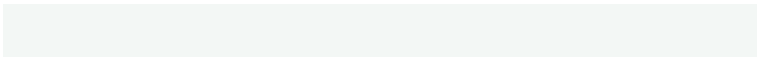
Harmonies

Analogous

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



86.9549, 92.1688, 98.4257



86.7043, 92.1688, 99.6067



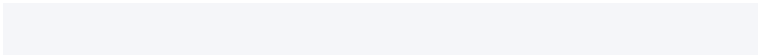
86.6941, 92.1688, 100.9992

Triad

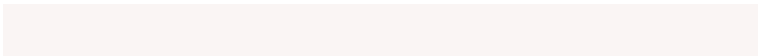
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7043, 92.1688, 99.6067



87.8279, 92.1688, 102.9929



88.2839, 92.1688, 98.5050

Complementary

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



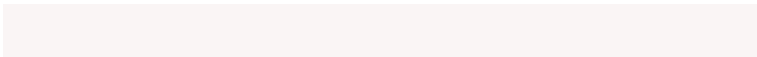
86.7043, 92.1688, 99.6067



86.8932, 90.4702, 99.2735

Split Complementary

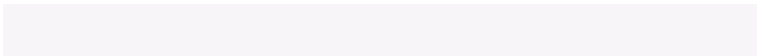
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5196, 92.1688, 99.7159



86.7043, 92.1688, 99.6067



88.2557, 92.1688, 102.3117

Square

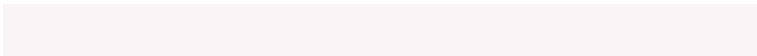
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



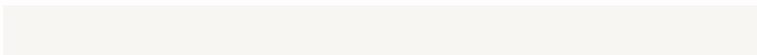
86.7043, 92.1688, 99.6067



87.3416, 92.1688, 102.9630



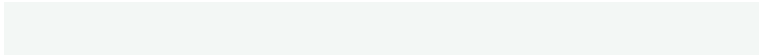
88.5093, 92.1688, 101.1094



87.8663, 92.1688, 97.7937

Rectangle

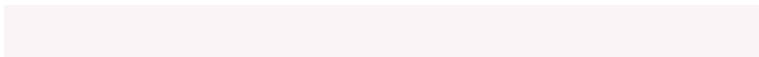
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



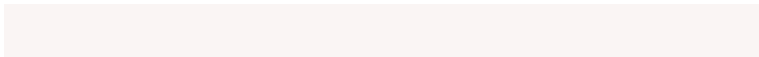
86.7043, 92.1688, 99.6067



86.8249, 92.1688, 101.8606



88.5093, 92.1688, 101.1094



88.3871, 92.1688, 98.8666

Sweetspot

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



86.7069, 92.1728, 99.6087

95.0500, 100.0000, 108.9000



87.1212, 92.4214, 98.0425



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

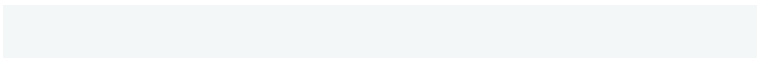
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7069, 92.1728, 99.6087



92.7902, 98.8822, 106.6633



87.0043, 92.2917, 101.1749



18.2097, 19.3919, 20.9287



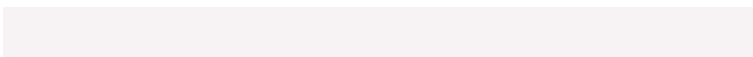
19.5655, 35.9710, 16.2635



1.7715, 3.1822, 1.7025

Inverse Universe

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



86.8932, 90.4702, 99.2735



93.0371, 96.6261, 106.2190



86.5989, 90.3525, 97.7236



18.2556, 18.9731, 20.8462



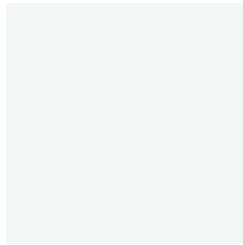
22.2694, 11.2512, 11.3931



2.0091, 1.0096, 1.2745

Previews

White Background



This preview shows how the XYZ color 86.7043, 92.1688, 99.6067 looks on a white background.

Color Contrast Check

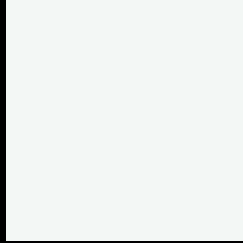
Large Text (above 18pt) WCAG AA × Fail

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 86.7043, 92.1688, 99.6067 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

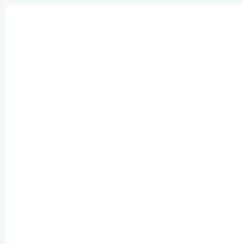
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7043, 92.1688, 99.6067

Background



This preview shows how black text looks on a background with the XYZ color 86.7043, 92.1688, 99.6067.



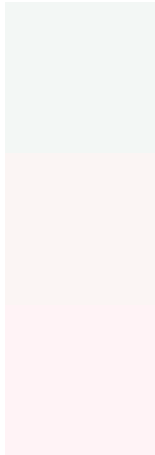
This preview shows how white text looks on a background with the XYZ color 86.7043, 92.1688,

99.6 67.

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

86.7043, 92.1688, 99.6067

Protanopia

88.7652, 92.3457, 98.7340

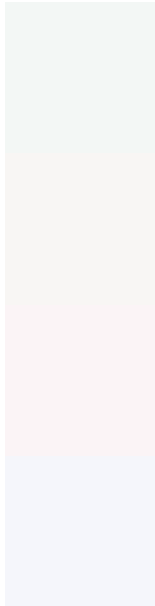
Deuteranopia

89.9251, 92.0150, 100.2099

Tritanopia

88.7084, 92.1176, 107.7128

Trichromacy



Original Color

86.7043, 92.1688, 99.6067

Protanomaly

87.9963, 92.3996, 98.7850

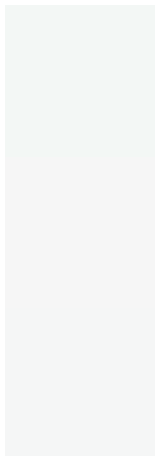
Deuteranomaly

88.7689, 91.8644, 100.2418

Tritanomaly

88.0245, 92.2890, 104.4410

Monochromacy



Original Color

86.7043, 92.1688, 99.6067

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.2465, 91.9778, 100.3439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7043, 92.1688, 99.6067 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(243, 247, 245) looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 245)  
}
```

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(243, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 245) }
```

Border

The CSS property to change the border of an element to XYZ 86.7043, 92.1688, 99.6067 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(243, 247, 245) }
```

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

```
.border{ border-color:rgb(243, 247, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 247, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
245) }
```


Background

The CSS property to change the background color of an element to XYZ 86.7043, 92.1688, 99.6067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 245) }
```

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

```
.background{ background-color: rgb(243,  
247, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor