

Converting Colors

XYZ(86.2027, 92.3019, 90.8482)

Have a look what the booklet for
XYZ(86.2027, 92.3019, 90.8482)
contains.

XYZ(86.1181, 92.0549, 91.0714)	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(86.1181, 92.0549,
91.0714)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F7EA
RGB	246, 247, 234
RGB Percent	96%, 97%, 92%
CMY	0.0353, 0.0313, 0.0823
CMYK	0.00, 0.00, 0.05, 0.03
HSL	65°, 45%, 94%
HSV	65°, 5%, 97%
XYZ	86.1181, 92.0549, 91.0714
YIQ	245.2190, 3.5770, -4.2550

Conversions

Conversions Part 2

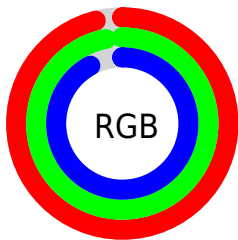
Format	Color
R _Y B	234, 247, 235
Decimal	16185322
CIE Lab	96.84, -2.57, 6.12
CIE LCh	97, 6.634, 112.753
Yxy	92.0549, 0.3199, 0.3419
Android (android.graphics.Color)	4294375402 (0xFFFF6F7EA)
YUV	245.2190, -5.5310, 0.6849
Hunter-Lab	95.9452, -7.6870, 10.8835

Details

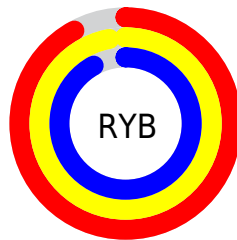
The XYZ color **86.1181, 92.0549, 91.0714** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **80.4759, 83.2257, 99.8232**, and the grayscale version is **87.0106, 91.5420, 99.6892**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.9019, 51.4231, 49.5204** is the 20% darker color. If you saturate the color by 10%, you get **82.1491, 90.3933, 73.6353**, and if you desaturate by 10%, it is **89.9920, 93.6851, 107.9477**.

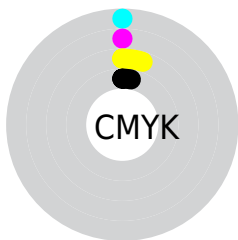
Distribution



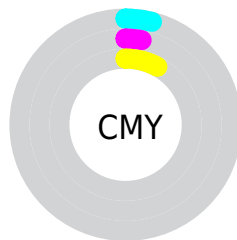
- Red (96%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (4%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.1181, 92.0549, 91.0714 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 86.1181, 92.0549, 91.0714 by changing the saturation by 10% instead.


 86.1181, 92.0549,
91.0714

 86.1181, 92.0549,
91.0714


503.7487,
534.6929, 552.1697

 65.0912, 69.6862,
68.2909


140.8403,
150.1895, 150.7742

 47.8000, 51.2708,
49.6663


175.2663,
186.7242, 188.5336

 33.8792, 36.4241,
34.7790


214.8894,
228.7497, 232.1230

 22.9632, 24.7620,
23.2105

260.0749,
276.6504, 281.9611

 14.6869, 15.8998,
14.5422

311.1883,
330.8106, 338.4662

 8.6848, 9.4533,
8.3557

368.5948,

 4.5916, 5.0380,

391.6149, 402.0570

4.2324

432.6598,
459.4475, 473.1520

■ 2.0420, 2.2696,
1.7537

■ 0.6574, 0.7575,
0.3971

■ 86.1181, 92.0549,
91.0714

■ 86.1181, 92.0549,
91.0714

■ 82.1491, 90.3933,
73.6353

■ 89.9920, 93.6851,
107.9477

■ 78.6588, 88.9211,
58.6959

■ 90.6717, 94.0356,
107.9795

■ 75.6281, 87.6335,
46.1408

■ 91.3584, 94.3896,
108.0116

■ 73.0335, 86.5210,
35.8463

■ 92.0520, 94.7471,
108.0441

70.8493, 85.5736,
27.6779

92.5526, 95.0052,
108.0675

69.0473, 84.7798,
21.4865

67.5955, 84.1268,
17.1041

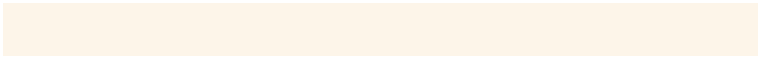
66.4566, 83.5999,
14.3348

65.5849, 83.1805,
12.9369

Harmonies

Analogous

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



87.9478, 92.0549, 90.4014



86.1181, 92.0549, 91.0714



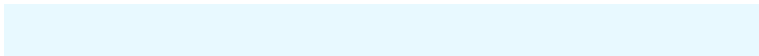
84.6764, 92.0549, 94.1538

Triad

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



86.1181, 92.0549, 91.0714



85.3465, 92.0549, 108.6173



91.0951, 92.0549, 101.5310

Complementary

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



86.1181, 92.0549, 91.0714



80.4759, 83.2257, 99.8232

Split Complementary

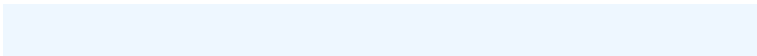
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3763, 92.0549, 106.5666



86.1181, 92.0549, 91.0714



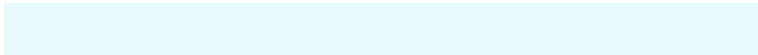
87.0446, 92.0549, 110.7510

Square

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



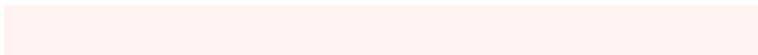
86.1181, 92.0549, 91.0714



84.2354, 92.0549, 104.2501



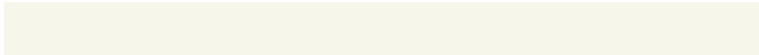
88.8873, 92.0549, 109.9875



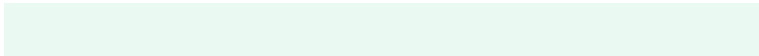
90.8385, 92.0549, 96.3188

Rectangle

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



86.1181, 92.0549, 91.0714



84.1207, 92.0549, 97.2230



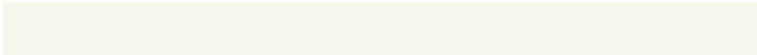
88.8873, 92.0549, 109.9875



90.9592, 92.0549, 103.3028

Sweetspot

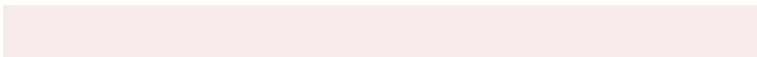
The Sweet Spot groups the original color and five complimentary colors.



86.1207, 92.0589, 91.0734



94.0948, 99.6012, 104.6259



82.8822, 85.0574, 89.8927



20.1502, 21.3229, 22.4390



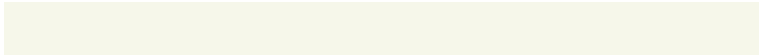
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



86.1207, 92.0589, 91.0734



92.2501, 98.8300, 96.4186



83.9262, 90.9276, 90.9707



18.0255, 19.3471, 18.6538



34.5530, 43.9255, 6.6573



3.0737, 3.8796, 0.5868

Inverse Universe

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



80.4759, 83.2257, 99.8232



85.3572, 88.0437, 107.1031



82.6151, 84.3286, 99.9233



16.5399, 17.0225, 20.9565



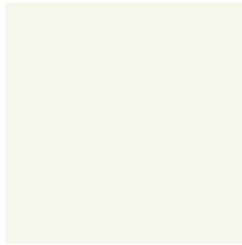
9.0660, 3.6480, 46.7643



0.8371, 0.3414, 4.1120

Previews

White Background



This preview shows how the XYZ color 86.1181, 92.0549, 91.0714 looks on a white background.

Color Contrast Check

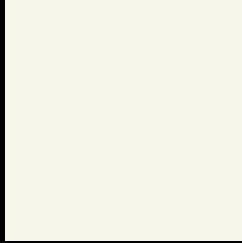
Large Text (above 18pt) WCAG AA × Fail

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 86.1181, 92.0549, 91.0714 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

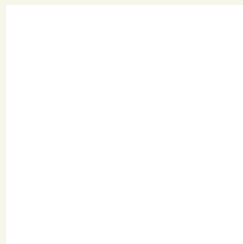
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.1181, 92.0549, 91.0714

Background



This preview shows how black text looks on a background with the XYZ color 86.1181, 92.0549, 91.0714.

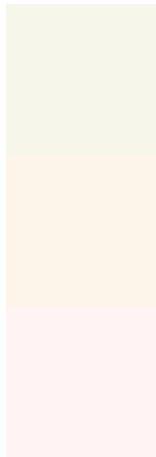


This preview shows how white text looks on a background with the XYZ color 86.1181, 92.0549, 91.0714.

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

86.1181, 92.0549, 91.0714

Protanopia

87.8684, 92.0707, 90.2310

Deuteranopia

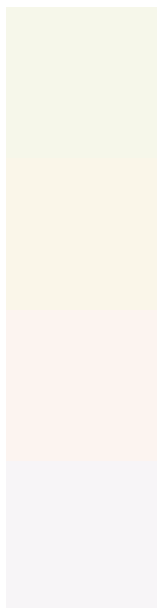
89.4683, 91.8322, 97.8039



Tritanopia

89.1121, 91.8778, 107.6452

Trichromacy



Original Color

86.1181, 92.0549, 91.0714

Protanomaly

87.0881, 92.1187, 90.2815

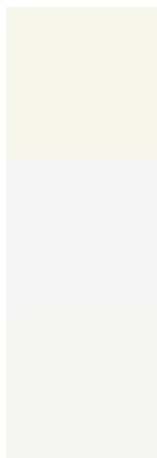
Deuteranomaly

88.2237, 91.6881, 95.4858

Tritanomaly

87.7987, 91.7944, 101.0863

Monochromacy



Original Color

86.1181, 92.0549, 91.0714

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4891, 91.6749, 96.3556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.1181, 92.0549, 91.0714 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, 247, 234) looks like.

```
.text, #text, p{  
    color:rgb(246, 247, 234)  
}
```

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, 247, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 247, 234) }
```

Border

The CSS property to change the border of an element to XYZ 86.1181, 92.0549, 91.0714 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, 247, 234) }
```


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

```
.border{ border-color:rgb(246, 247, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 247, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 247, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 247, 234);  
box-shadow:4px 4px 4px 4px rgb(246, 247,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 86.1181, 92.0549, 91.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 247, 234) }
```

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

```
.background{ background-color: rgb(246,  
247, 234) }
```

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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