

Converting Colors

XYZ(85.5686, 91.6955, 92.4380)

Have a look what the booklet for
XYZ(85.5686, 91.6955, 92.4380)
contains.

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Color

**XYZ(85.7093, 91.8108,
92.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7EC
RGB	244, 247, 236
RGB Percent	96%, 97%, 93%
CMY	0.0431, 0.0313, 0.0745
CMYK	0.01, 0.00, 0.04, 0.03
HSL	76°, 41%, 95%
HSV	76°, 4%, 97%
XYZ	85.7093, 91.8108, 92.5608
YIQ	244.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

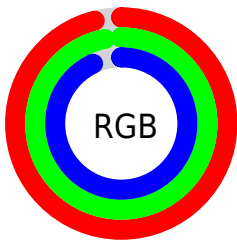
Format	Color
R _Y B	236, 247, 239
Decimal	16054252
CIE Lab	96.74, -2.90, 4.92
CIE LCh	97, 5.715, 120.517
Yxy	91.8108, 0.3173, 0.3399
Android (android.graphics.Color)	4294244332 (0xFFFF4F7EC)
YUV	244.8490, -4.3626, -0.7446
Hunter-Lab	95.8180, -8.0129, 9.7980

Details

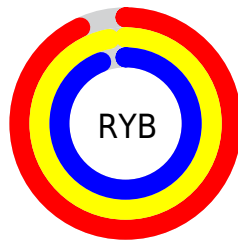
The XYZ color **85.7093, 91.8108, 92.5608** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.3842, 85.0596, 100.0766**, and the grayscale version is **86.7049, 91.2203, 99.3389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.6081, 51.2483, 50.5627** is the 20% darker color. If you saturate the color by 10%, you get **80.0691, 89.2922, 74.8412**, and if you desaturate by 10%, it is **91.0048, 94.2073, 107.9951**.

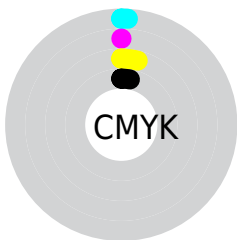
Distribution



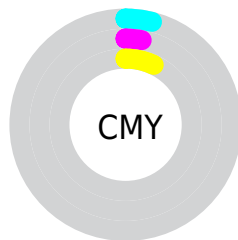
- Red (96%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (94%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7093, 91.8108, 92.5608 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 85.7093, 91.8108, 92.5608 by changing the saturation by 10% instead.

85.7093, 91.8108,
92.5608

85.7093, 91.8108,
92.5608

502.4206,
533.9039, 557.1099

64.7521, 69.4835,
69.5209

140.2727,
149.8511, 152.8568

47.5240, 51.1056,
50.6616

174.6095,
186.3330, 190.9501

33.6598, 36.2926,
35.5645

214.1370,
228.3017, 234.8981

22.7940, 24.6603,
23.8110

259.2204,
276.1419, 285.1195

14.5613, 15.8241,
14.9826

310.2251,
330.2378, 342.0329

8.5964, 9.3998,
8.6607

367.5164,

4.5339, 5.0029,

390.9738, 406.0567

4.4268

431.4598,
458.7344, 477.6095

■ 2.0084, 2.2489,
1.8623

■ 0.6387, 0.7465,
0.4686

■ 85.7093, 91.8108,
92.5608

■ 85.7093, 91.8108,
92.5608

■ 80.0691, 89.2922,
74.8412

■ 91.0048, 94.2073,
107.9951

■ 74.9872, 87.0038,
59.6310

■ 92.5526, 95.0052,
108.0675

■ 70.4437, 84.9404,
46.8182

■ 66.4143, 83.0923,
36.2800

■ 62.8727, 81.4487,
27.8827

■ 59.7899, 79.9980,
21.4787

■ 57.1332, 78.7270,
16.9015

■ 54.8652, 77.6206,
13.9581

■ 52.9396, 76.6602,
12.4114

Harmonies

Analogous

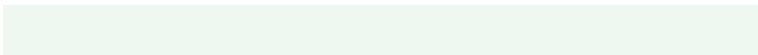
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2357, 91.8108, 91.4057



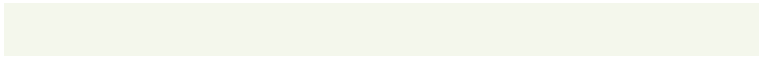
85.7093, 91.8108, 92.5608



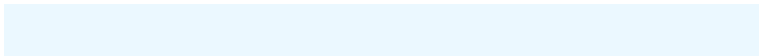
84.6106, 91.8108, 95.6890

Triad

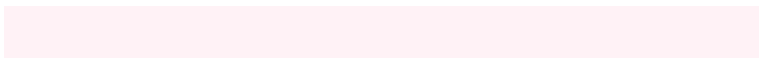
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.7093, 91.8108, 92.5608



85.7568, 91.8108, 107.8403



90.3785, 91.8108, 99.8869

Complementary

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



85.7093, 91.8108, 92.5608



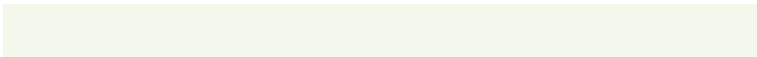
82.3842, 85.0596, 100.0766

Split Complementary

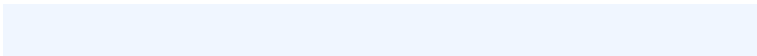
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.9711, 91.8108, 104.3693



85.7093, 91.8108, 92.5608



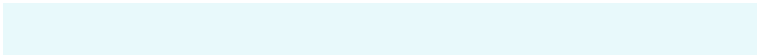
87.2912, 91.8108, 109.0455

Square

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



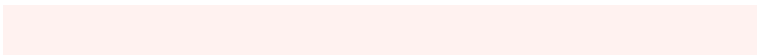
85.7093, 91.8108, 92.5608



84.6378, 91.8108, 104.5111



88.8362, 91.8108, 107.7567



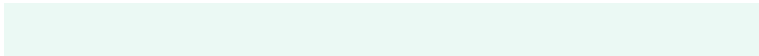
89.9428, 91.8108, 95.5553

Rectangle

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



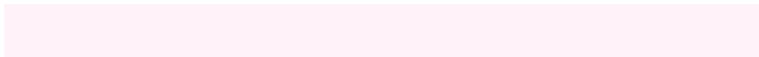
85.7093, 91.8108, 92.5608



84.2617, 91.8108, 98.5205



88.8362, 91.8108, 107.7567



90.3356, 91.8108, 101.4262

Sweetspot

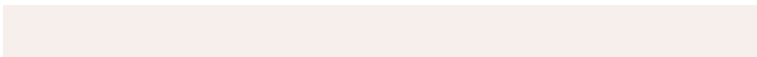
The Sweet Spot groups the original color and five complimentary colors.



85.7119, 91.8148, 92.5628



94.3864, 99.7050, 106.7401



84.3483, 87.5272, 91.8071



20.2096, 21.3441, 22.8695



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

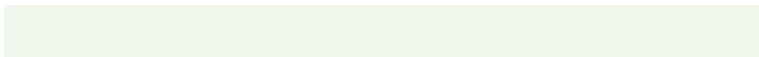
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.7119, 91.8148, 92.5628



91.7953, 98.5515, 98.3856



83.8546, 90.8573, 92.4759



17.9071, 19.2779, 19.0138



27.6339, 40.3586, 6.3335



2.5271, 3.5978, 0.5613

Inverse Universe

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



82.3842, 85.0596, 100.0766



87.7885, 90.4175, 107.4331



84.2459, 86.0193, 100.1637



17.0192, 17.4755, 21.0187



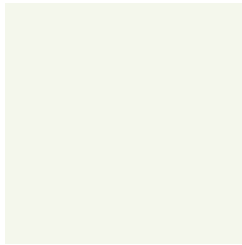
10.2355, 4.2509, 46.8191



0.9943, 0.4224, 4.1194

Previews

White Background



This preview shows how the XYZ color 85.7093, 91.8108, 92.5608 looks on a white background.

Color Contrast Check

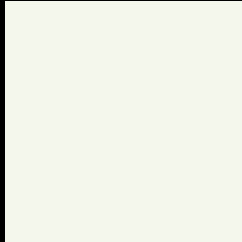
Large Text (above 18pt) WCAG AA × Fail

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 85.7093, 91.8108, 92.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

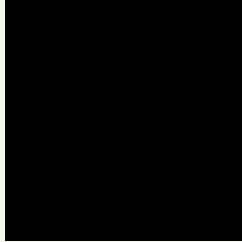
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

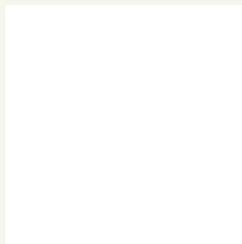
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7093, 91.8108, 92.5608

Background



This preview shows how black text looks on a background with the XYZ color 85.7093, 91.8108, 92.5608.



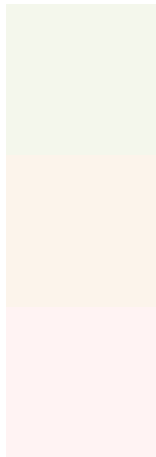
This preview shows how white text looks on a background with the XYZ color 85.7093, 91.8108,

92.5608.

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

85.7093, 91.8108, 92.5608

Protanopia

87.4910, 91.3950, 91.6270

Deuteranopia

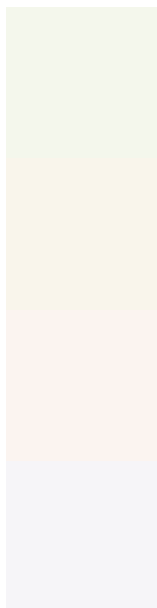
89.4683, 91.8322, 97.8039



Tritanopia

88.7585, 91.6955, 107.6287

Trichromacy



Original Color

85.7093, 91.8108, 92.5608

Protanomaly

86.7147, 91.4427, 91.6771

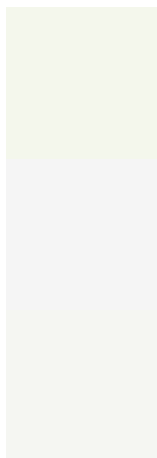
Deuteranomaly

87.8625, 91.5019, 95.4689

Tritanomaly

87.6017, 91.6750, 101.8849

Monochromacy



Original Color

85.7093, 91.8108, 92.5608

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.6390, 91.7348, 97.1446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7093, 91.8108, 92.5608 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(244, 247, 236) looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 236)  
}
```

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(244, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.7093, 91.8108, 92.5608 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(244, 247, 236) }
```


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

```
.border{ border-color:rgb(244, 247, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7093, 91.8108, 92.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 236) }
```

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

```
.background{ background-color: rgb(244,  
247, 236) }
```

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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