

Converting Colors

XYZ(85.3762, 91.8371, 91.2624)

Have a look what the booklet for
XYZ(85.3762, 91.8371, 91.2624)
contains.

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Color

**XYZ(85.0742, 91.5167,
91.0225)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7EA
RGB	243, 247, 234
RGB Percent	95%, 97%, 92%
CMY	0.0471, 0.0313, 0.0823
CMYK	0.02, 0.00, 0.05, 0.03
HSL	78°, 45%, 94%
HSV	78°, 5%, 97%
XYZ	85.0742, 91.5167, 91.0225
YIQ	244.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

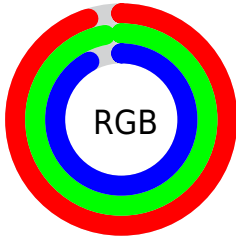
Format	Color
R_{YB}	234, 247, 238
Decimal	15988714
CIE Lab	96.62, -3.58, 5.77
CIE LCh	97, 6.791, 121.803
Yxy	91.5167, 0.3179, 0.3420
Android (android.graphics.Color)	4294178794 (0xFFFF3F7EA)
YUV	244.3220, -5.0887, -1.1594
Hunter-Lab	95.6644, -8.6728, 10.5519

Details

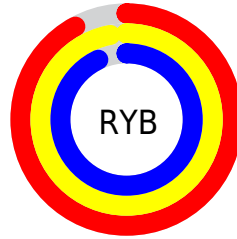
The XYZ color 85.0742, 91.5167, 91.0225 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 81.4747, 83.7406, 99.8698, and the grayscale version is 86.2875, 90.7812, 98.8607.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.1602, 51.0408, 49.4857 is the 20% darker color. If you saturate the color by 10%, you get 79.2001, 88.8730, 73.4972, and if you desaturate by 10%, it is 90.9550, 94.1815, 107.9928.

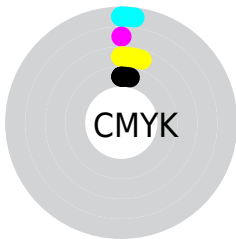
Distribution



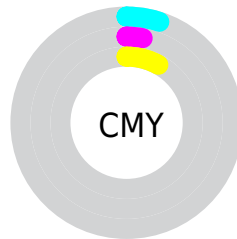
- Red (95%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (5%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.0742, 91.5167, 91.0225 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 85.0742, 91.5167, 91.0225 by changing the saturation by 10% instead.


 85.0742, 91.5167,
91.0225

 85.0742, 91.5167,
91.0225


500.3535,
532.9524, 552.0071

 64.2254, 69.2393,
68.2505


139.3903,
149.4434, 150.7058

 47.0956, 50.9066,
49.6336


173.5884,
185.8614, 188.4542

 33.3195, 36.1343,
34.7532


212.9669,
227.7618, 232.0318

 22.5317, 24.5379,
23.1908

257.8912,
275.5289, 281.8572

 14.3669, 15.7331,
14.5278

308.7266,
329.5471, 338.3489

 8.4597, 9.3355,
8.3458

365.8386,

 4.4447, 4.9607,

390.2008, 401.9254

4.2261

429.5924,
457.8744, 473.0053

■ 1.9567, 2.2242,
1.7502

■ 0.6095, 0.7331,
0.3948

■ 85.0742, 91.5167,
91.0225

■ 85.0742, 91.5167,
91.0225

■ 79.2001, 88.8730,
73.4972

■ 90.9550, 94.1815,
107.9928

■ 73.9055, 86.4706,
58.4735

■ 92.5525, 95.0051,
108.0675

■ 69.1696, 84.3039,
45.8385

■ 64.9678, 82.3630,
35.4688

■ 61.2731, 80.6368,
27.2297

■ 58.0558, 79.1134,
20.9721

■ 55.2825, 77.7792,
16.5279

■ 52.9146, 76.6186,
13.7010

■ 50.9046, 75.6125,
12.2499

Harmonies

Analogous

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



86.8691, 91.5167, 89.5576



85.0742, 91.5167, 91.0225



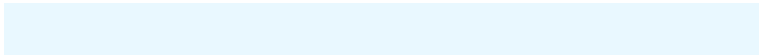
83.8061, 91.5167, 94.7874

Triad

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



85.0742, 91.5167, 91.0225



85.2704, 91.5167, 109.1471



90.6838, 91.5167, 99.3175

Complementary

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



85.0742, 91.5167, 91.0225



81.4747, 83.7406, 99.8698

Split Complementary

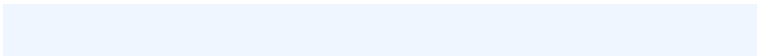
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.2410, 91.5167, 104.6681



85.0742, 91.5167, 91.0225



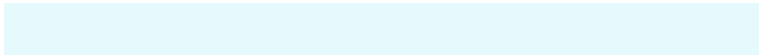
87.0988, 91.5167, 110.4652

Square

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



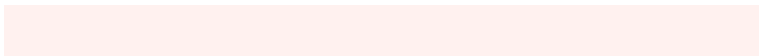
85.0742, 91.5167, 91.0225



83.9182, 91.5167, 105.2580



88.9219, 91.5167, 108.7979



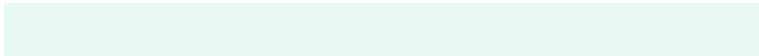
90.1233, 91.5167, 94.2374

Rectangle

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



85.0742, 91.5167, 91.0225



83.4205, 91.5167, 98.1630



88.9219, 91.5167, 108.7979



90.6473, 91.5167, 101.1441

Sweetspot

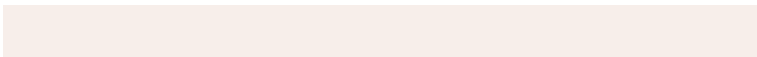
The Sweet Spot groups the original color and five complimentary colors.



85.0767, 91.5207, 91.0245



93.6642, 99.3792, 104.6058



83.7577, 86.8084, 90.1845



20.0626, 21.2778, 22.4349



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

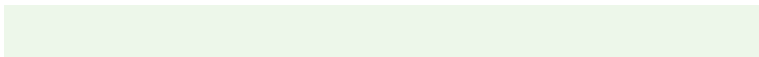
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0767, 91.5207, 91.0245



90.9715, 98.1708, 96.3588



82.9066, 90.4019, 90.9229



17.7492, 19.2046, 18.6409



26.6177, 39.8347, 6.2860



2.4442, 3.5551, 0.5574

Inverse Universe

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



81.4747, 83.7406, 99.8698



86.5730, 88.6705, 107.1600



83.6617, 84.8681, 99.9721



16.8012, 17.1572, 20.9687



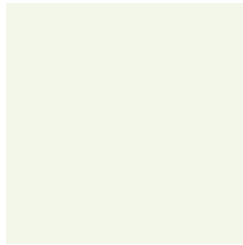
10.5846, 4.4309, 46.8354



1.0309, 0.4413, 4.1211

Previews

White Background



This preview shows how the XYZ color 85.0742, 91.5167, 91.0225 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 85.0742, 91.5167, 91.0225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

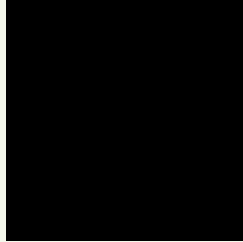
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

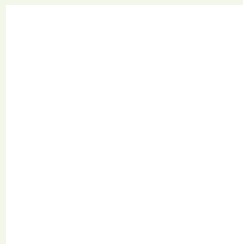
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0742, 91.5167, 91.0225

Background



This preview shows how black text looks on a background with the XYZ color 85.0742, 91.5167, 91.0225.



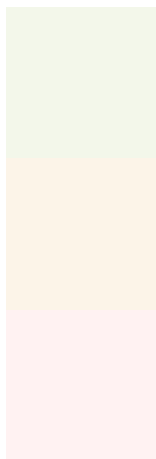
This preview shows how white text looks on a background with the XYZ color 85.0742, 91.5167,

91.025.

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

85.0742, 91.5167, 91.0225

Protanopia

87.0611, 91.2230, 89.3631

Deuteranopia

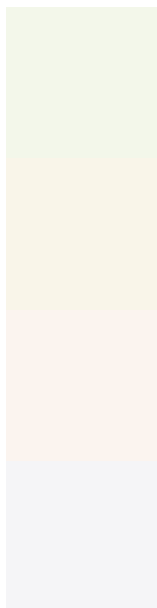
89.0191, 91.1751, 96.9111



Tritanopia

88.4067, 91.5142, 107.6122

Trichromacy



Original Color

85.0742, 91.5167, 91.0225

Protanomaly

86.4273, 91.3277, 90.1636

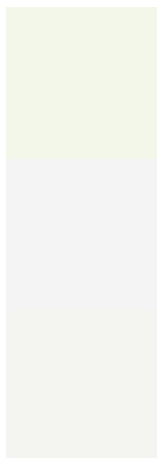
Deuteranomaly

87.7143, 91.4426, 94.6885

Tritanomaly

87.0971, 91.4327, 101.0535

Monochromacy



Original Color

85.0742, 91.5167, 91.0225

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6888, 90.8292, 95.4536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0742, 91.5167, 91.0225 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, 234) looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 247, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.0742, 91.5167, 91.0225 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, 234) }
```


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

```
.border{ border-color:rgb(243, 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(243, 247, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 234);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0742, 91.5167, 91.0225 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, 234) }
```

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

```
.background{ background-color: rgb(243,  
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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