

Converting Colors

XYZ(85.6092, 92.8352, 85.3584)

Have a look what the booklet for
XYZ(85.6092, 92.8352, 85.3584)
contains.

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Color

**XYZ(85.6092, 92.8352,
85.3584)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F9E2
RGB	246, 249, 226
RGB Percent	96%, 98%, 89%
CMY	0.0353, 0.0235, 0.1137
CMYK	0.01, 0.00, 0.09, 0.02
HSL	68°, 66%, 93%
HSV	68°, 9%, 98%
XYZ	85.6092, 92.8352, 85.3584
YIQ	245.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

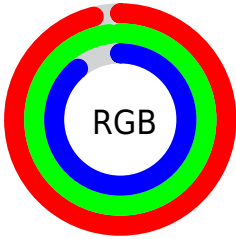
Format	Color
R _Y B	226, 249, 229
Decimal	16185826
CIE Lab	97.16, -4.89, 10.69
CIE LCh	97, 11.757, 114.583
Yxy	92.8352, 0.3245, 0.3519
Android (android.graphics.Color)	4294375906 (0xFFFF6F9E2)
YUV	245.4810, -9.6041, 0.4552
Hunter-Lab	96.3510, -10.0146, 14.9201

Details

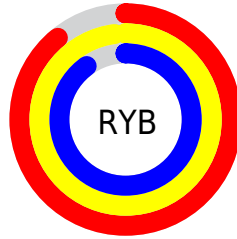
The XYZ color 85.6092, 92.8352, 85.3584 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 76.6119, 77.8928, 100.6244, and the grayscale version is 87.2524, 91.7964, 99.9662.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 47.6559, 52.0274, 46.0586 is the 20% darker color. If you saturate the color by 10%, you get 81.3075, 90.9869, 68.5977, and if you desaturate by 10%, it is 90.4322, 94.9004, 104.7375.

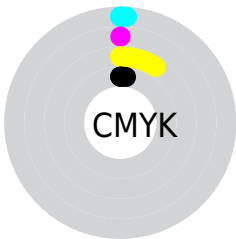
Distribution



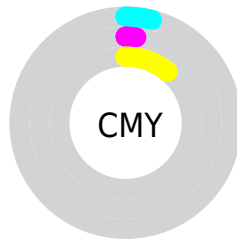
- Red (96%)
- Green (98%)
- Blue (89%)



- Red (89%)
- Yellow (98%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6092, 92.8352, 85.3584 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 85.6092, 92.8352, 85.3584 by changing the saturation by 10% instead.

85.6092, 92.8352,
85.3584

85.6092, 92.8352,
85.3584

502.0951,
537.2111, 532.9887

64.6691, 70.3345,
63.5857

140.1336,
151.2704, 142.7524

47.4565, 51.7993,
45.8712

174.4487,
187.9738, 179.2108

33.6061, 36.8451,
31.7962

213.9527,
230.1802, 221.4015

22.7526, 25.0876,
20.9424

259.0110,
278.2739, 269.7431

14.5306, 16.1423,
12.8911

309.9891,
332.6395, 324.6541

8.5748, 9.6249,
7.2237

367.2522,

4.5198, 5.1510,

393.6613, 386.5530

3.5218

431.1658,
461.7237, 455.8583

■ 2.0002, 2.3361,
1.3669

■ 0.6341, 0.7927,
0.1157

■ 85.6092, 92.8352,
85.3584

■ 85.6092, 92.8352,
85.3584

■ 81.3075, 90.9869,
68.5977

■ 90.4322, 94.9004,
104.7375

■ 77.4982, 89.3348,
54.3372

■ 92.2561, 95.7652,
108.2299

■ 74.1609, 87.8738,
42.4587

■ 93.1676, 96.2351,
108.2725

■ 71.2706, 86.5939,
32.8320

■ 68.8003, 85.4842,
25.3144

■ 66.7195, 84.5327,
19.7470

■ 64.9939, 83.7254,
15.9483

■ 63.5824, 83.0459,
13.7030

■ 62.4224, 82.4693,
12.6826

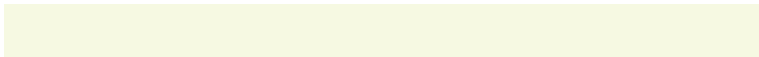
Harmonies

Analogous

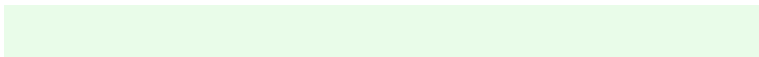
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8408, 92.8352, 83.9593



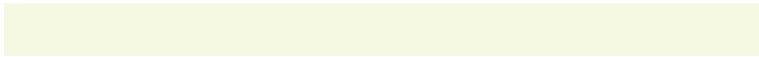
85.6092, 92.8352, 85.3584



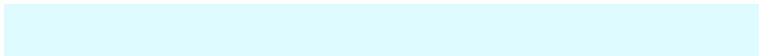
83.1386, 92.8352, 90.8573

Triad

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



85.6092, 92.8352, 85.3584



84.5908, 92.8352, 116.7173



94.7428, 92.8352, 102.8167

Complementary

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



85.6092, 92.8352, 85.3584



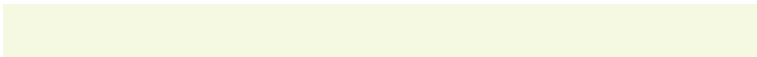
76.6119, 77.8928, 100.6244

Split Complementary

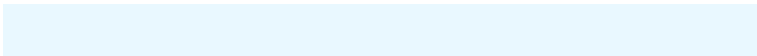
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.5398, 92.8352, 112.0459



85.6092, 92.8352, 85.3584



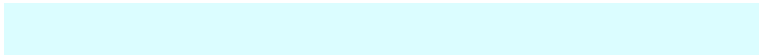
87.6361, 92.8352, 120.3870

Square

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



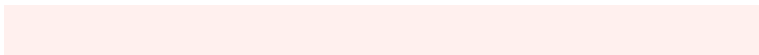
85.6092, 92.8352, 85.3584



82.5610, 92.8352, 108.8759



90.9182, 92.8352, 118.6263



94.1675, 92.8352, 93.6687

Rectangle

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



85.6092, 92.8352, 85.3584



82.2279, 92.8352, 96.3012



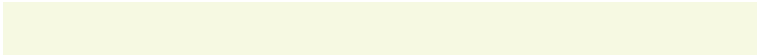
90.9182, 92.8352, 118.6263



94.5321, 92.8352, 106.0179

Sweetspot

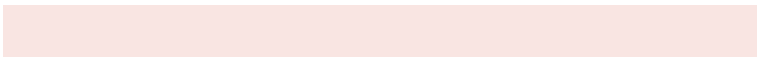
The Sweet Spot groups the original color and five complimentary colors.



85.6117, 92.8392, 85.3604



93.4759, 99.3280, 102.5246



80.7292, 81.4968, 83.4284



19.9195, 21.2226, 21.5891



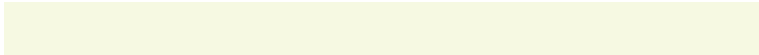
0.0000, 0.0000, 0.0000



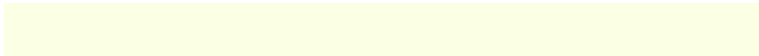
20.3446, 21.4041, 23.3091

Same Dimension

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



85.6117, 92.8392, 85.3604



89.5231, 97.6350, 86.7639



81.8069, 90.8778, 85.1823



18.4913, 20.0690, 18.3615



33.4536, 44.1643, 6.7614



3.1585, 4.1214, 0.6290

Inverse Universe

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



76.6119, 77.8928, 100.6244



78.3359, 79.0556, 105.7382



80.2957, 79.7918, 100.7968



16.4937, 16.7517, 21.7494



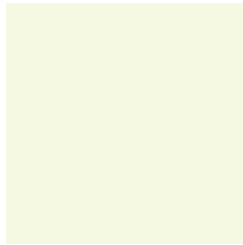
9.5451, 3.8633, 48.2162



0.9478, 0.3907, 4.4686

Previews

White Background



This preview shows how the XYZ color 85.6092, 92.8352, 85.3584 looks on a white background.

Color Contrast Check

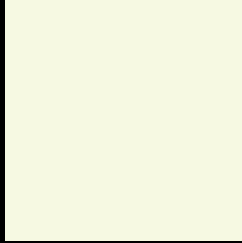
Large Text (above 18pt) WCAG AA × Fail

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 85.6092, 92.8352, 85.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

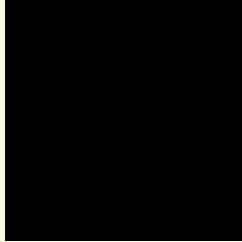
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

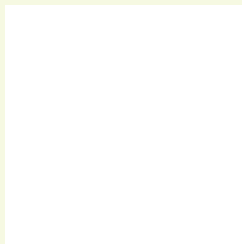
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6092, 92.8352, 85.3584

Background



This preview shows how black text looks on a background with the XYZ color 85.6092, 92.8352, 85.3584.



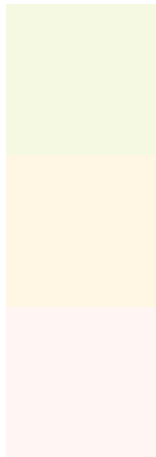
This preview shows how white text looks on a background with the XYZ color 85.6092, 92.8352,

85.3584.

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

85.6092, 92.8352, 85.3584

Protanopia

88.1994, 92.7730, 86.6572

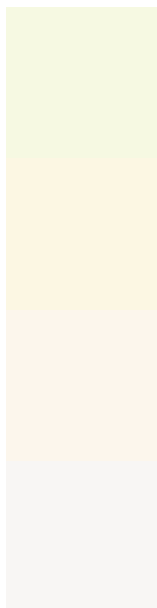
Deuteranopia

89.9194, 92.9756, 97.2112

Tritanopia

89.7693, 92.6646, 107.7624

Trichromacy



Original Color

85.6092, 92.8352, 85.3584

Protanomaly

87.2708, 92.7630, 85.9784

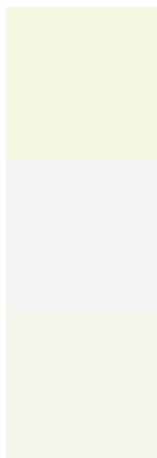
Deuteranomaly

88.2410, 92.6631, 92.5919

Tritanomaly

87.9963, 92.3996, 98.7850

Monochromacy



Original Color

85.6092, 92.8352, 85.3584

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.0446, 91.4971, 94.0146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6092, 92.8352, 85.3584 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, 249, 226)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 226)  
}
```

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, 249, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 226) }
```

Border

The CSS property to change the border of an element to XYZ 85.6092, 92.8352, 85.3584 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, 249, 226) }
```


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

```
.border{ border-color:rgb(246, 249, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 249, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 226);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6092, 92.8352, 85.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 226) }
```

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

```
.background{ background-color: rgb(246,  
249, 226) }
```

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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