

Converting Colors

XYZ(76.7003, 85.2715, 58.9691)

Have a look what the booklet for
XYZ(76.7003, 85.2715, 58.9691)
contains.

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Color

**XYZ(76.5939, 85.1565,
58.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F1BA
RGB	241, 241, 186
RGB Percent	95%, 95%, 73%
CMY	0.0549, 0.0549, 0.2706
CMYK	0.00, 0.00, 0.23, 0.05
HSL	60°, 66%, 84%
HSV	60°, 23%, 95%
XYZ	76.5939, 85.1565, 58.8543
YIQ	234.7300, 17.6550, -17.1050

Conversions

Conversions Part 2

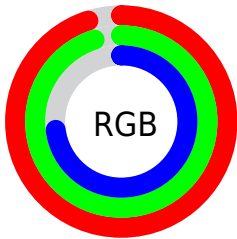
Format	Color
R_{YB}	186, 241, 186
Decimal	15856058
CIE _{Lab}	93.95, -8.64, 26.65
CIE _{LCh}	94, 28.016, 107.955
Yxy	85.1565, 0.3472, 0.3860
Android (android.graphics.Color)	4294046138 (0xFFFF1F1BA)
YUV	234.7300, -24.0239, 5.4988
Hunter-Lab	92.2803, -13.3330, 26.7824

Details

The XYZ color **76.5939, 85.1565, 58.8543** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.6889, 51.9100, 90.4137**, and the grayscale version is **78.9297, 83.0402, 90.4307**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **41.3498, 46.5817, 29.0021** is the 20% darker color. If you saturate the color by 10%, you get **74.2450, 84.2198, 46.4795**, and if you desaturate by 10%, it is **79.3794, 86.2737, 73.5087**.

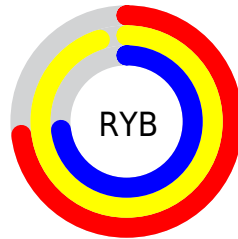
Distribution



Red (95%)

Green (95%)

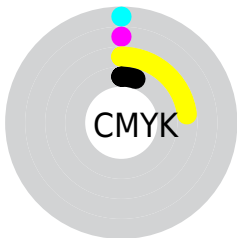
Blue (73%)



Red (73%)

Yellow (95%)

Blue (73%)

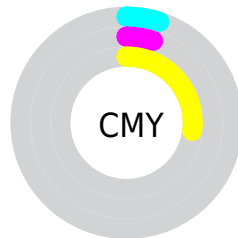


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5939, 85.1565, 58.8543 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 76.5939, 85.1565, 58.8543 by changing the saturation by 10% instead.

■ 76.5939, 85.1565,
58.8543

■ 76.5939, 85.1565,
58.8543

472.2915,
512.1458, 438.0486

■ 57.2184, 63.9707,
42.0766

■ 127.5420,
140.5918, 104.6929

■ 41.4214, 46.6269,
28.8353

159.8452,
175.6101, 134.5909

■ 28.8377, 32.7408,
18.7117

197.1885,
216.0080, 169.6994

■ 19.1017, 21.9280,
11.2875

239.9370,
262.1700, 210.4370

■ 11.8482, 13.8040,
6.1439

288.4562,
314.4803, 257.2221

■ 6.7119, 7.9845,
2.8626

343.1115,

■ 3.3273, 4.0850,

373.3235, 310.4734

1.0249

404.2681,
439.0838, 370.6094

■ 1.3291, 1.7212,
0.0000

■ 0.2049, 0.4373,
0.0000

■ 76.5939, 85.1565,
58.8543

■ 76.5939, 85.1565,
58.8543

■ 74.2450, 84.2198,
46.4795

■ 79.3794, 86.2737,
73.5087

■ 72.3044, 83.4434,
36.2646

■ 82.6150, 87.5681,
90.5432

■ 70.7508, 82.8219,
28.0876

■ 85.7853, 88.8362,
107.2335

■ 69.5583, 82.3448,
21.8118

■ 85.7861, 88.8366,
107.2335

68.6977, 82.0005,
17.2841

85.7869, 88.8370,
107.2336

68.1355, 81.7755,
14.3276

85.7876, 88.8375,
107.2336

67.8310, 81.6536,
12.7283

85.7884, 88.8379,
107.2336

67.7269, 81.6119,
12.1831

85.7892, 88.8383,
107.2337

85.7900, 88.8387,
107.2337

Harmonies

Analogous

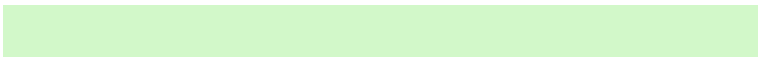
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9712, 85.1565, 58.0478



76.5939, 85.1565, 58.8543



70.7402, 85.1565, 67.8246

Triad

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



76.5939, 85.1565, 58.8543



71.7011, 85.1565, 126.7225



95.8040, 85.1565, 101.5669

Complementary

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



76.5939, 85.1565, 58.8543



53.6889, 51.9100, 90.4137

Split Complementary

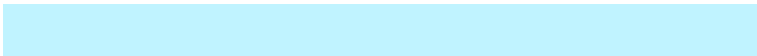
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.0732, 85.1565, 123.0672



76.5939, 85.1565, 58.8543



77.9801, 85.1565, 139.0159

Square

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



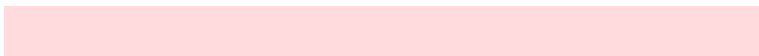
76.5939, 85.1565, 58.8543



68.0372, 85.1565, 105.9798



85.4448, 85.1565, 137.5838



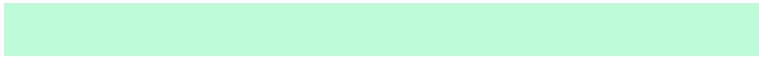
95.3761, 85.1565, 80.6168

Rectangle

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



76.5939, 85.1565, 58.8543



68.3497, 85.1565, 78.1313



85.4448, 85.1565, 137.5838



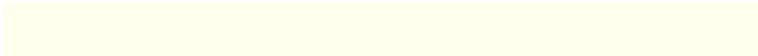
94.9857, 85.1565, 109.0223

Sweetspot

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



76.5961, 85.1603, 58.8561



92.3074, 98.9029, 94.4608



62.7002, 57.3658, 54.2236



19.7096, 21.1501, 19.9658



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

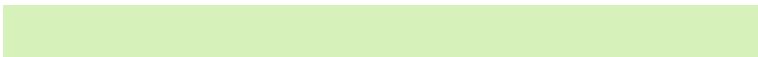
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5961, 85.1603, 58.8561



85.8765, 96.3303, 60.6055



67.9072, 80.6810, 58.4495



17.1228, 18.4590, 16.8102



36.7248, 44.2539, 6.6063



3.0552, 3.6815, 0.5496

Inverse Universe

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



53.6889, 51.9100, 90.4137



55.9283, 52.8598, 101.8630



61.0245, 55.6916, 90.7570



14.8975, 15.2289, 19.8759



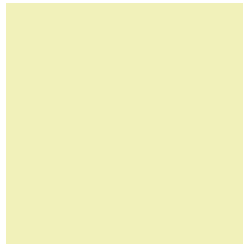
8.6101, 3.4441, 45.3388



0.7163, 0.2865, 3.7718

Previews

White Background



This preview shows how the XYZ color 76.5939, 85.1565, 58.8543 looks on a white background.

Color Contrast Check

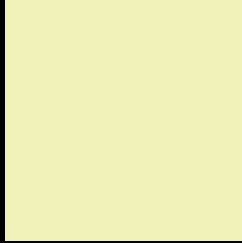
Large Text (above 18pt) WCAG AA × Fail

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 76.5939, 85.1565, 58.8543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

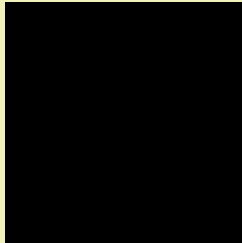
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5939, 85.1565, 58.8543

Background



This preview shows how black text looks on a background with the XYZ color 76.5939, 85.1565, 58.8543.

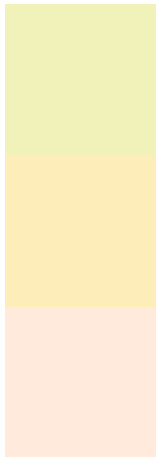


This preview shows how white text looks on a background with the XYZ color 76.5939, 85.1565,

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

76.5939, 85.1565, 58.8543

Protanopia

79.4439, 84.9117, 57.5499

Deuteranopia

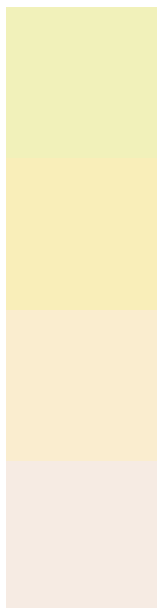
83.4490, 85.2201, 79.0687



Tritanopia

85.3361, 84.8180, 103.1406

Trichromacy



Original Color

76.5939, 85.1565, 58.8543

Protanomaly

78.3984, 84.7916, 58.1333

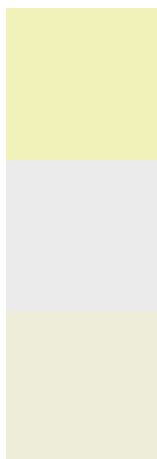
Deuteranomaly

80.9710, 85.3974, 71.2472

Tritanomaly

81.5795, 84.5555, 84.6942

Monochromacy



Original Color

76.5939, 85.1565, 58.8543

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.7336, 83.5827, 77.6817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5939, 85.1565, 58.8543 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(241, 241, 186)` looks like.

```
.text, #text, p{  
    color:rgb(241, 241, 186)  
}
```

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(241, 241, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 241, 186) }
```

Border

The CSS property to change the border of an element to XYZ 76.5939, 85.1565, 58.8543 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(241, 241, 186) }
```


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

```
.border{ border-color:rgb(241, 241, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 241, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 241, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 241, 186);  
box-shadow:4px 4px 4px 4px rgb(241, 241,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5939, 85.1565, 58.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 241, 186) }
```

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

```
.background{ background-color: rgb(241,  
241, 186) }
```

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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