

Converting Colors

XYZ(75.6871, 84.7639, 58.5124)

Have a look what the booklet for
XYZ(75.6871, 84.7639, 58.5124)
contains.

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Color

**XYZ(75.4721, 84.5905,
58.2487)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF1B9
RGB	238, 241, 185
RGB Percent	93%, 95%, 73%
CMY	0.0667, 0.0549, 0.2745
CMYK	0.01, 0.00, 0.23, 0.05
HSL	63°, 67%, 84%
HSV	63°, 23%, 95%
XYZ	75.4721, 84.5905, 58.2487
YIQ	233.7190, 16.1880, -18.0520

Conversions

Conversions Part 2

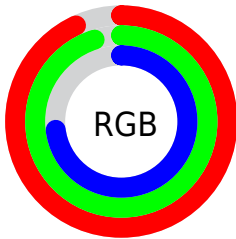
Format	Color
R_YB	185, 241, 188
Decimal	15659449
CIE _{Lab}	93.71, -9.87, 26.79
CIE _{LCh}	94, 28.551, 110.218
Yxy	84.5905, 0.3457, 0.3875
Android (android.graphics.Color)	4293849529 (0xFFEEF1B9)
YUV	233.7190, -24.0185, 3.7544
Hunter-Lab	91.9731, -14.4778, 26.8314

Details

The XYZ color **75.4721, 84.5905, 58.2487** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.9684, 51.7424, 90.3667**, and the grayscale version is **78.1634, 82.2339, 89.5528**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **40.8052, 46.3090, 28.6177** is the 20% darker color. If you saturate the color by 10%, you get **72.7087, 83.4380, 45.9457**, and if you desaturate by 10%, it is **78.6743, 85.9246, 72.8268**.

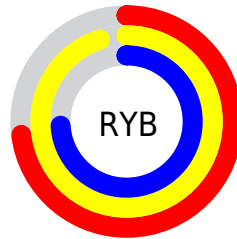
Distribution



Red (93%)

Green (95%)

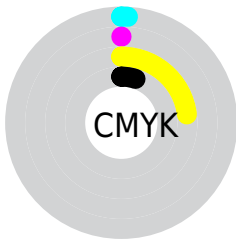
Blue (73%)



Red (73%)

Yellow (95%)

Blue (74%)

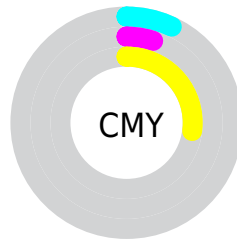


Cyan (1%)

Magenta (0%)

Yellow (23%)

Black (5%)



Cyan (7%)

Magenta (5%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4721, 84.5905, 58.2487 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 75.4721, 84.5905, 58.2487 by changing the saturation by 10% instead.

■ 75.4721, 84.5905,
58.2487

■ 75.4721, 84.5905,
58.2487

468.5109,
510.2721, 435.7361

■ 56.2953, 63.5031,
41.5926

■ 125.9648,
139.8009, 103.8033

■ 40.6776, 46.2483,
28.4592

158.0113,
174.6927, 133.5389

■ 28.2538, 32.4418,
18.4301

195.0784,
214.9547, 168.4713

■ 18.6585, 21.6992,
11.0866

237.5316,
260.9713, 209.0192

■ 11.5263, 13.6360,
6.0102

285.7360,
313.1270, 255.6011

■ 6.4919, 7.8680,
2.7824

340.0572,

■ 3.1899, 4.0106,

371.8061, 308.6355

0.9846

400.8603,
437.3930, 368.5410

■ 1.2550, 1.6795,
0.0000

■ 0.1491, 0.4103,
0.0000

■ 75.4721, 84.5905,
58.2487

■ 75.4721, 84.5905,
58.2487

■ 72.7087, 83.4380,
45.9457

■ 78.6743, 85.9246,
72.8268

■ 70.3558, 82.4472,
35.7978

■ 82.3290, 87.4372,
89.7810

■ 68.3920, 81.6124,
27.6826

■ 86.0841, 88.9903,
107.2475

■ 66.7912, 80.9232,
21.4628

■ 86.5294, 89.2199,
107.2683

65.5241, 80.3678,
16.9843

86.9778, 89.4511,
107.2893

64.5570, 79.9328,
14.0693

87.4294, 89.6838,
107.3104

63.8488, 79.6017,
12.5014

87.8841, 89.9183,
107.3317

63.4747, 79.4199,
11.9841

88.3420, 90.1543,
107.3531

88.8031, 90.3920,
107.3747

Harmonies

Analogous

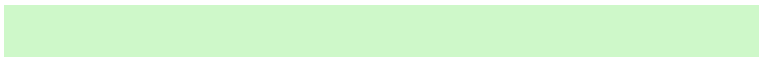
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9005, 84.5905, 56.8140



75.4721, 84.5905, 58.2487



69.7204, 84.5905, 67.9119

Triad

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



75.4721, 84.5905, 58.2487



71.4376, 84.5905, 128.0181



95.6230, 84.5905, 99.3741

Complementary

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



75.4721, 84.5905, 58.2487



53.9684, 51.7424, 90.3667

Split Complementary

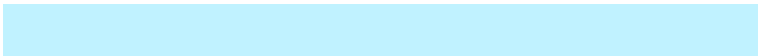
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1196, 84.5905, 121.4526



75.4721, 84.5905, 58.2487



77.9518, 84.5905, 139.6229

Square

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



75.4721, 84.5905, 58.2487



67.4946, 84.5905, 107.2836



85.5394, 84.5905, 137.0478



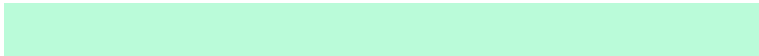
94.8554, 84.5905, 78.4296

Rectangle

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



75.4721, 84.5905, 58.2487



67.4608, 84.5905, 78.6979



85.5394, 84.5905, 137.0478



94.8977, 84.5905, 106.9537

Sweetspot

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



75.4743, 84.5943, 58.2505



91.9564, 98.7220, 94.4443



62.9759, 58.0867, 53.7928



19.6280, 21.1080, 19.9620



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

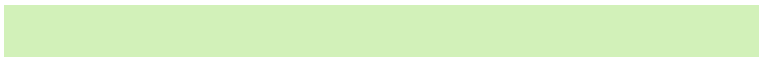
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4743, 84.5943, 58.2505



84.2141, 95.5044, 59.1235



66.8507, 80.1486, 57.8469



17.0342, 18.4133, 16.8060



34.4566, 43.0846, 6.5001



2.8919, 3.5974, 0.5419

Inverse Universe

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



53.9684, 51.7424, 90.3667



55.7069, 51.9544, 101.6999



61.4886, 55.6192, 90.7186



14.9757, 15.2692, 19.8796



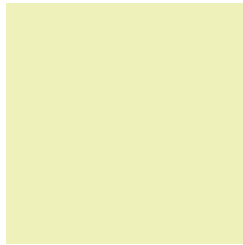
8.7332, 3.5075, 45.3446



0.7539, 0.3059, 3.7735

Previews

White Background



This preview shows how the XYZ color 75.4721, 84.5905, 58.2487 looks on a white background.

Color Contrast Check

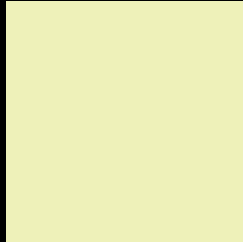
Large Text (above 18pt) WCAG AA × Fail

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 75.4721, 84.5905, 58.2487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

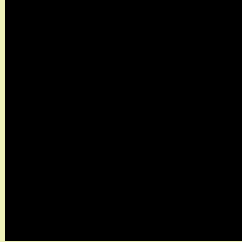
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

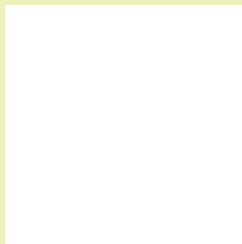
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.4721, 84.5905, 58.2487

Background



This preview shows how black text looks on a background with the XYZ color 75.4721, 84.5905, 58.2487.



This preview shows how white text looks on a background with the XYZ color 75.4721, 84.5905,

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

75.4721, 84.5905, 58.2487

Protanopia

79.0507, 84.2924, 56.9034

Deuteranopia

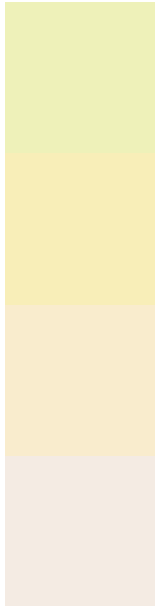
82.9033, 84.5476, 77.5955



Tritanopia

84.6270, 84.4524, 103.1074

Trichromacy



Original Color

75.4721, 84.5905, 58.2487

Protanomaly

77.9377, 84.5662, 57.5626

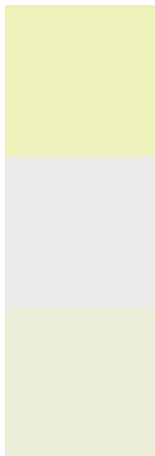
Deuteranomaly

80.0818, 84.5384, 69.8544

Tritanomaly

80.8817, 84.1958, 84.6615

Monochromacy



Original Color

75.4721, 84.5905, 58.2487

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.9398, 83.1884, 76.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4721, 84.5905, 58.2487 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(238, 241, 185)` looks like.

```
.text, #text, p{  
    color:rgb(238, 241, 185)  
}
```

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(238, 241, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 241, 185) }
```

Border

The CSS property to change the border of an element to XYZ 75.4721, 84.5905, 58.2487 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(238, 241, 185) }
```


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

```
.border{ border-color:rgb(238, 241, 185) }
```

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

Here you see how a box with a 4 pixel rgb(238, 241, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 241, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 241, 185);  
box-shadow:4px 4px 4px 4px rgb(238, 241,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4721, 84.5905, 58.2487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 241, 185) }
```

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

```
.background{ background-color: rgb(238,  
241, 185) }
```

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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