

Converting Colors

XYZ(75.6677, 85.2610, 52.5133)

Have a look what the booklet for
XYZ(75.6677, 85.2610, 52.5133)
contains.

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Color

**XYZ(75.6677, 85.2610,
52.5133)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2AE
RGB	241, 242, 174
RGB Percent	95%, 95%, 68%
CMY	0.0549, 0.0510, 0.3176
CMYK	0.00, 0.00, 0.28, 0.05
HSL	61°, 72%, 82%
HSV	61°, 28%, 95%
XYZ	75.6677, 85.2610, 52.5133
YIQ	233.9490, 21.2320, -21.3600

Conversions

Conversions Part 2

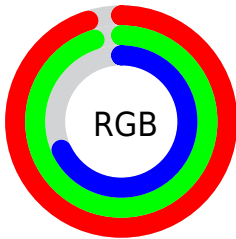
Format	Color
RYB	174, 242, 175
Decimal	15856302
CIELab	94.00, -10.71, 32.80
CIELCh	94, 34.509, 108.086
Yxy	85.2610, 0.3545, 0.3995
Android (android.graphics.Color)	4294046382 (0xFFFF1F2AE)
YUV	233.9490, -29.5549, 6.1837
Hunter-Lab	92.3369, -15.3134, 30.9168

Details

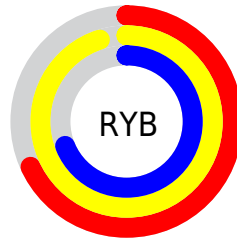
The XYZ color **75.6677, 85.2610, 52.5133** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **48.8455, 45.7991, 90.2749**, and the grayscale version is **78.3754, 82.4570, 89.7957**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **40.7773, 46.6886, 24.9518** is the 20% darker color. If you saturate the color by 10%, you get **73.3966, 84.3414, 41.1816**, and if you desaturate by 10%, it is **78.3685, 86.3584, 66.0873**.

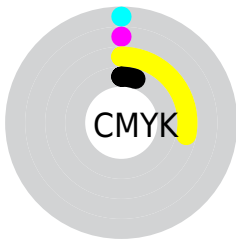
Distribution



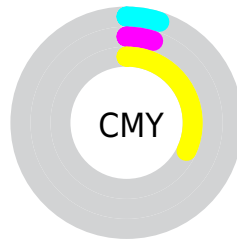
- Red (95%)
- Green (95%)
- Blue (68%)



- Red (68%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (5%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6677, 85.2610, 52.5133 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 75.6677, 85.2610, 52.5133 by changing the saturation by 10% instead.

■ 75.6677, 85.2610,
52.5133

■ 75.6677, 85.2610,
52.5133

469.1713,
512.4913, 413.4282

■ 56.4562, 64.0571,
37.0293

■ 126.2399,
140.7378, 95.3221

■ 40.8072, 46.6969,
24.9342

158.3313,
175.7794, 123.4840

■ 28.3555, 32.7961,
15.8095

195.4468,
216.2024, 156.7089

■ 18.7356, 21.9703,
9.2365

237.9515,
262.3911, 195.4154

■ 11.5823, 13.8351,
4.7969

286.2110,
314.7299, 240.0221

■ 6.5301, 8.0060,
2.0719

340.5906,

■ 3.2137, 4.0988,

373.6033, 290.9474

0.5990

401.4555,
439.3957, 348.6100

■ 1.2678, 1.7290,
0.0000

■ 0.1589, 0.4423,
0.0000

■ 75.6677, 85.2610,
52.5133

■ 75.6677, 85.2610,
52.5133

■ 73.3966, 84.3414,
41.1816

■ 78.3685, 86.3584,
66.0873

■ 71.5259, 83.5791,
31.9665


■ 81.5136, 87.6306,
82.0093


■ 70.0327, 82.9677,
24.7383


■ 85.1249, 89.0893,
100.3851


■ 68.8894, 82.4964,
19.3508


■ 86.5704, 89.6818,
107.3553


 68.0642, 82.1523,
15.6377


 86.6937, 89.7453,
107.3611

 67.5200, 81.9207,
13.4030


 86.8173, 89.8090,
107.3669

 67.2052, 81.7808,
12.3752

 86.9411, 89.8728,
107.3726

 67.1571, 81.7589,
12.2415

 87.0651, 89.9367,
107.3784

 87.1893, 90.0008,
107.3843

Harmonies

Analogous

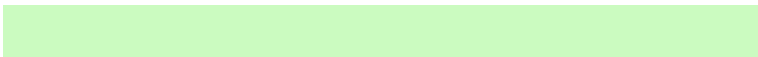
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7461, 85.2610, 51.5531



75.6677, 85.2610, 52.5133



68.5704, 85.2610, 62.9298

Triad

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



75.6677, 85.2610, 52.5133



69.7829, 85.2610, 135.8839



99.6144, 85.2610, 103.6943

Complementary

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



75.6677, 85.2610, 52.5133



48.8455, 45.7991, 90.2749

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.



94.9321, 85.2610, 130.9696



75.6677, 85.2610, 52.5133



77.4397, 85.2610, 151.7735

Square

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



75.6677, 85.2610, 52.5133



65.3541, 85.2610, 109.4733



86.6566, 85.2610, 149.8217



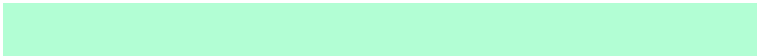
99.0496, 85.2610, 77.9737

Rectangle

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



75.6677, 85.2610, 52.5133



65.7049, 85.2610, 75.1768



86.6566, 85.2610, 149.8217



98.5883, 85.2610, 113.0615

Sweetspot

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



75.6699, 85.2648, 52.5151



91.8267, 98.6979, 92.5054



59.3968, 52.2074, 46.9921



19.5331, 21.0763, 19.1830



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

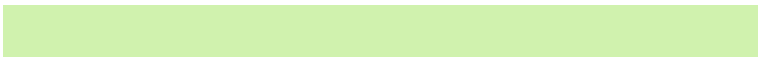
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6699, 85.2648, 52.5151



83.6256, 95.3759, 51.1943



65.4078, 79.9745, 52.0348



17.0984, 18.4464, 16.8090



36.0864, 43.9248, 6.5764



3.0094, 3.6579, 0.5474

Inverse Universe

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



48.8455, 45.7991, 90.2749



48.5955, 43.8358, 100.5076



57.1780, 50.0947, 90.6649



14.9189, 15.2399, 19.8769



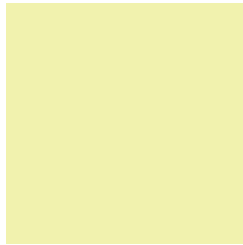
8.6438, 3.4615, 45.3404



0.7266, 0.2919, 3.7723

Previews

White Background



This preview shows how the XYZ color 75.6677, 85.2610, 52.5133 looks on a white background.

Color Contrast Check

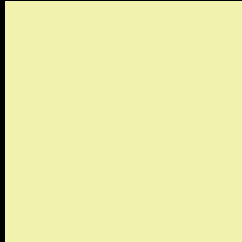
Large Text (above 18pt) WCAG AA × Fail

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 75.6677, 85.2610, 52.5133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

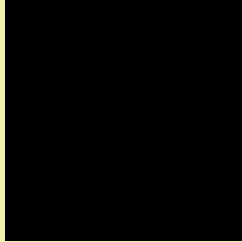
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

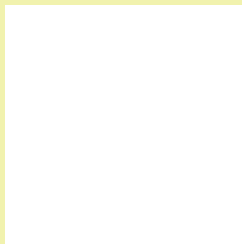
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.6677, 85.2610, 52.5133

Background



This preview shows how black text looks on a background with the XYZ color 75.6677, 85.2610, 52.5133.

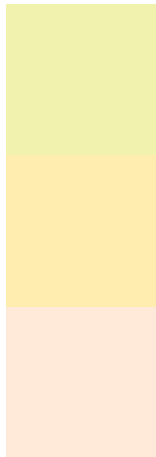


This preview shows how white text looks on a background with the XYZ color 75.6677, 85.2610,

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

75.6677, 85.2610, 52.5133

Protanopia

79.2621, 84.9235, 52.7718

Deuteranopia

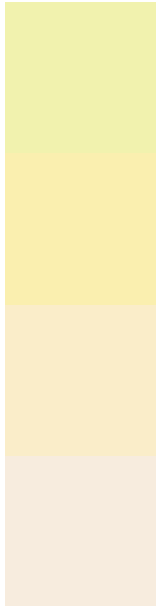
83.1872, 85.1154, 77.6901



Tritanopia

85.8956, 85.1246, 102.3460

Trichromacy



Original Color

75.6677, 85.2610, 52.5133

Protanomaly

78.0287, 85.1521, 52.8809

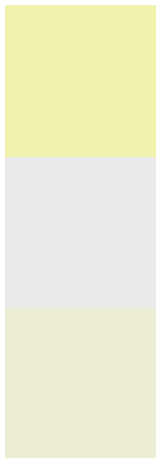
Deuteranomaly

80.2511, 85.1094, 67.4564

Tritanomaly

81.5380, 85.0390, 81.2239

Monochromacy



Original Color

75.6677, 85.2610, 52.5133

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

77.0929, 83.3264, 74.3077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6677, 85.2610, 52.5133 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, 242, 174)` looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 174)  
}
```

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, 242, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 174) }
```

Border

The CSS property to change the border of an element to XYZ 75.6677, 85.2610, 52.5133 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, 242, 174) }
```


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

```
.border{ border-color:rgb(241, 242, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 242, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 174);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6677, 85.2610, 52.5133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 174) }
```

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

```
.background{ background-color: rgb(241,  
242, 174) }
```

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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