

Converting Colors

XYZ(75.9129, 85.3986, 52.0177)

Have a look what the booklet for
XYZ(75.9129, 85.3986, 52.0177)
contains.

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Color

**XYZ(75.9129, 85.3986,
52.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2AD
RGB	242, 242, 173
RGB Percent	95%, 95%, 68%
CMY	0.0510, 0.0510, 0.3216
CMYK	0.00, 0.00, 0.29, 0.05
HSL	60°, 73%, 81%
HSV	60°, 29%, 95%
XYZ	75.9129, 85.3986, 52.0177
YIQ	234.1340, 22.1490, -21.4590

Conversions

Conversions Part 2

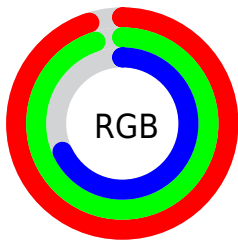
Format	Color
R_{YB}	173, 242, 173
Decimal	15921837
CIE _{Lab}	94.05, -10.47, 33.40
CIE _{LCh}	94, 35.003, 107.402
Yxy	85.3986, 0.3558, 0.4003
Android (android.graphics.Color)	4294111917 (0xFFFF2F2AD)
YUV	234.1340, -30.1391, 6.8985
Hunter-Lab	92.4114, -15.0880, 31.3140

Details

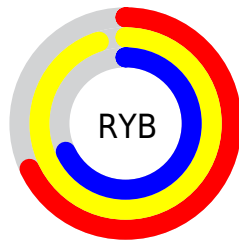
The XYZ color **75.9129, 85.3986, 52.0177** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **48.2073, 45.1844, 90.1899**, and the grayscale version is **78.5194, 82.6086, 89.9607**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.9567, 46.7882, 24.6417** is the 20% darker color. If you saturate the color by 10%, you get **73.7803, 84.5485, 40.7817**, and if you desaturate by 10%, it is **78.4740, 86.4261, 65.4912**.

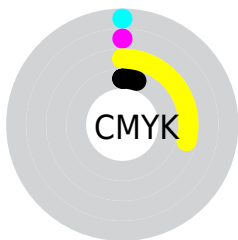
Distribution



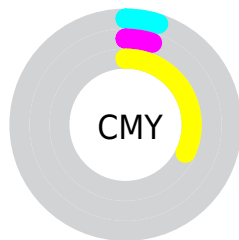
- Red (95%)
- Green (95%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9129, 85.3986, 52.0177 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 75.9129, 85.3986, 52.0177 by changing the saturation by 10% instead.

75.9129, 85.3986,
52.0177

75.9129, 85.3986,
52.0177

469.9985,
512.9461, 411.4638

56.6579, 64.1708,
36.6368

126.5848,
140.9299, 94.5842

40.9697, 46.7890,
24.6329

158.7324,
176.0023, 122.6069

28.4830, 32.8689,
15.5872

195.9082,
216.4582, 155.6807

18.8324, 22.0260,
9.0814

238.4777,
262.6822, 194.2240

11.6525, 13.8760,
4.6967

286.8060,
315.0585, 238.6554

6.5780, 8.0345,
2.0148

341.2587,

3.2436, 4.1170,

373.9717, 289.3935

0.5644

402.2011,
439.8061, 346.8568

■ 1.2839, 1.7392,
0.0000

■ 0.1711, 0.4489,
0.0000

■ 75.9129, 85.3986,
52.0177

■ 75.9129, 85.3986,
52.0177

■ 73.7803, 84.5485,
40.7817

■ 78.4740, 86.4261,
65.4912

■ 72.0469, 83.8550,
31.6570


■ 81.4784, 87.6279,
81.3083


■ 70.6896, 83.3120,
24.5136


■ 84.9480, 89.0158,
99.5751


■ 69.6807, 82.9084,
19.2043


■ 86.4248, 89.6067,
107.3485


 68.9883, 82.6313,
15.5621


 86.4255, 89.6070,
107.3485

 68.5750, 82.4659,
13.3892


 86.4262, 89.6074,
107.3485

 68.3868, 82.3906,
12.4019

 86.4269, 89.6077,
107.3486

 68.3670, 82.3826,
12.2981

 86.4276, 89.6081,
107.3486

 86.4283, 89.6085,
107.3486

Harmonies

Analogous

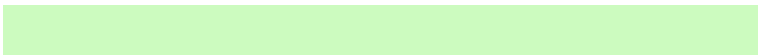
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1512, 85.3986, 51.2635



75.9129, 85.3986, 52.0177



68.6478, 85.3986, 62.3226

Triad

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



75.9129, 85.3986, 52.0177



69.6045, 85.3986, 136.2404



99.9970, 85.3986, 104.6660

Complementary

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



75.9129, 85.3986, 52.0177



48.2073, 45.1844, 90.1899

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.



95.1266, 85.3986, 132.3441



75.9129, 85.3986, 52.0177



77.3125, 85.3986, 152.7874

Square

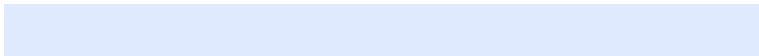
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9129, 85.3986, 52.0177



65.2023, 85.3986, 109.2388



86.6619, 85.3986, 151.2383



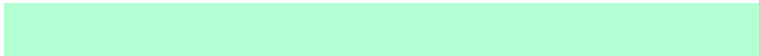
99.5498, 85.3986, 78.4283

Rectangle

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



75.9129, 85.3986, 52.0177



65.6849, 85.3986, 74.5794



86.6619, 85.3986, 151.2383



98.9127, 85.3986, 114.1931

Sweetspot

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



75.9151, 85.4024, 52.0195



91.5719, 98.6087, 90.5882



59.1071, 51.7836, 46.4163



19.4884, 21.0616, 18.8015



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

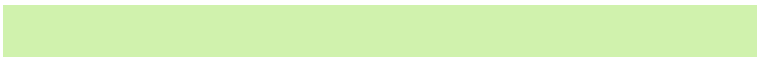
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9151, 85.4024, 52.0195



84.0932, 95.6170, 51.2162



65.1702, 79.8633, 51.5167



17.1228, 18.4590, 16.8102



36.7253, 44.2541, 6.6063



3.0552, 3.6816, 0.5496

Inverse Universe

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



48.2073, 45.1844, 90.1899



48.3220, 43.6948, 100.4948



56.8452, 49.6373, 90.5941



14.8975, 15.2288, 19.8759



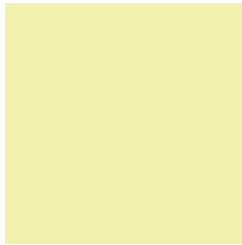
8.6100, 3.4440, 45.3388



0.7163, 0.2865, 3.7718

Previews

White Background



This preview shows how the XYZ color 75.9129, 85.3986, 52.0177 looks on a white background.

Color Contrast Check

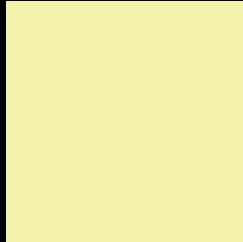
Large Text (above 18pt) WCAG AA × Fail

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 75.9129, 85.3986, 52.0177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

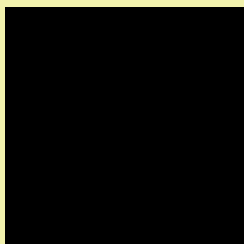
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

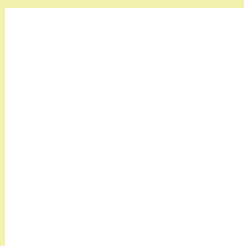
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9129, 85.3986, 52.0177

Background



This preview shows how black text looks on a background with the XYZ color 75.9129, 85.3986, 52.0177.

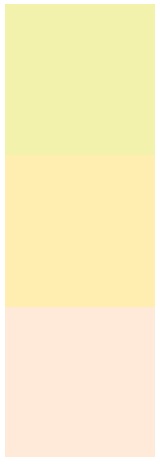


This preview shows how white text looks on a background with the XYZ color 75.9129, 85.3986,

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

75.9129, 85.3986, 52.0177

Protanopia

79.5524, 85.5042, 52.8685

Deuteranopia

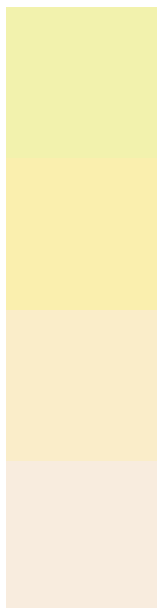
83.1872, 85.1154, 77.6901



Tritanopia

86.2568, 85.3108, 102.3629

Trichromacy



Original Color

75.9129, 85.3986, 52.0177

Protanomaly

77.9308, 85.1130, 52.3655

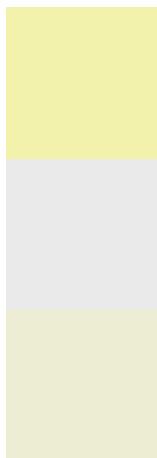
Deuteranomaly

80.2511, 85.1094, 67.4564

Tritanomaly

81.8917, 85.2213, 81.2404

Monochromacy



Original Color

75.9129, 85.3986, 52.0177

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 75.9129, 85.3986, 52.0177 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(242, 242, 173)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 173)  
}
```

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(242, 242, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 173) }
```

Border

The CSS property to change the border of an element to XYZ 75.9129, 85.3986, 52.0177 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(242, 242, 173) }
```


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

```
.border{ border-color:rgb(242, 242, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 242, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 173);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9129, 85.3986, 52.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 173) }
```

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

```
.background{ background-color: rgb(242,  
242, 173) }
```

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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