

Converting Colors

XYZ(74.2995, 88.9710, 16.8716)

Have a look what the booklet for
XYZ(74.2995, 88.9710, 16.8716)
contains.

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Color

**XYZ(74.2995, 88.9710,
16.8716)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFA37
RGB	250, 250, 55
RGB Percent	98%, 98%, 22%
CMY	0.0196, 0.0196, 0.7843
CMYK	0.00, 0.00, 0.78, 0.02
HSL	60°, 95%, 60%
HSV	60°, 78%, 98%
XYZ	74.2995, 88.9710, 16.8716
YIQ	227.7700, 62.5950, -60.6450

Conversions

Conversions Part 2

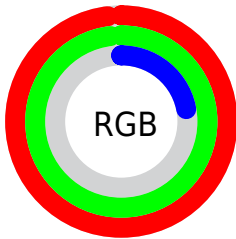
Format	Color
RYB	55, 250, 55
Decimal	16448055
CIELab	95.57, -20.30, 84.94
CIELCh	96, 87.329, 103.443
Yxy	88.9710, 0.4124, 0.4939
Android (android.graphics.Color)	4294638135 (0xFFFAFA37)
YUV	227.7700, -85.1756, 19.4957
Hunter-Lab	94.3244, -24.4631, 55.4220

Details

The XYZ color **74.2995, 88.9710, 16.8716** is a light color, and the websafe version is hex **FFFF33**, and the color name is **maximum yellow**. The color can be described as light washed yellow. A complement of this color would be **20.1995, 10.4485, 91.4002**, and the grayscale version is **74.1482, 78.0097, 84.9525**.

A 20% lighter version of the original color is **80.2700, 94.0880, 31.0697**, and **40.2781, 49.4024, 7.4127** is the 20% darker color. If you saturate the color by 10%, you get **73.8458, 88.7928, 14.4755**, and if you desaturate by 10%, it is **75.0604, 89.2787, 20.8678**.

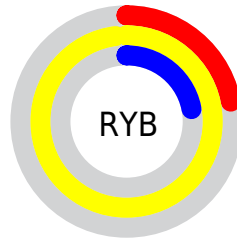
Distribution



Red (98%)

Green (98%)

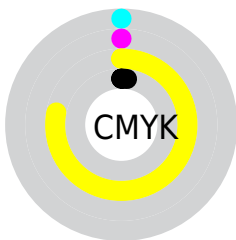
Blue (22%)



Red (22%)

Yellow (98%)

Blue (22%)

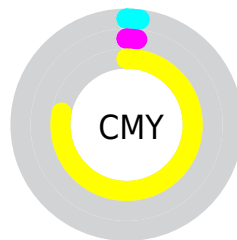


Cyan (0%)

Magenta (0%)

Yellow (78%)

Black (2%)



Cyan (2%)

Magenta (2%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2995, 88.9710, 16.8716 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 74.2995, 88.9710, 16.8716 by changing the saturation by 10% instead.

74.2995, 88.9710,
16.8716

74.2995, 88.9710,
16.8716

464.5408,
524.6778, 246.4502

55.3314, 67.1275,
9.9820

124.3135,
145.9082, 38.8925

39.9020, 49.1883,
5.2816

156.0901,
181.7708, 54.8609

27.6460, 34.7688,
2.3518

192.8668,
223.0751, 74.6926

18.1981, 23.4849,
0.7600

235.0091,
270.2057, 98.8062

11.1928, 14.9519,
0.0000

282.8823,
323.5468, 127.6202

6.2649, 8.7857,
0.0000

336.8517,

3.0490, 4.6016,

383.4830, 161.5532

0.0000

397.2828,
450.3985, 201.0237

■ 1.1797, 2.0155,
0.0000

■ 0.0903, 0.6164,
0.0000

■ 74.2995, 88.9710,
16.8716

■ 74.2995, 88.9710,
16.8716

■ 73.8458, 88.7928,
14.4755

■ 75.0604, 89.2787,
20.8678


■ 73.6385, 88.7098,
13.3854


■ 76.1628, 89.7197,
26.6709


■ 73.6109, 88.6988,
13.2409

■ 77.6428, 90.3118,
34.4628


■ 79.5305, 91.0669,
44.4016

 81.8530, 91.9959,
56.6297

 84.6349, 93.1087,
71.2771

 87.8991, 94.4145,
88.4643

 91.6645, 95.9207,
108.2910

 91.6649, 95.9209,
108.2911

Harmonies

Analogous

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



98.3834, 88.9710, 17.4568



74.2995, 88.9710, 16.8716



56.6761, 88.9710, 29.1855

Triad

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



74.2995, 88.9710, 16.8716



55.3316, 88.9710, 218.8725



136.8567, 88.9710, 139.5459

Complementary

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



74.2995, 88.9710, 16.8716



20.1995, 10.4485, 91.4002

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.



120.3642, 88.9710, 227.7158



74.2995, 88.9710, 16.8716



72.1038, 88.9710, 286.3634

Square

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



74.2995, 88.9710, 16.8716



47.2048, 88.9710, 130.9001



95.7334, 88.9710, 290.2015



137.7516, 88.9710, 69.3236

Rectangle

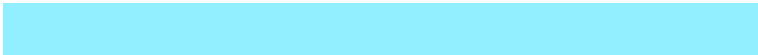
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2995, 88.9710, 16.8716



49.6866, 88.9710, 49.0491



95.7334, 88.9710, 290.2015



132.8297, 88.9710, 168.6451

Sweetspot

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



74.3015, 88.9752, 16.8734



87.0029, 96.7810, 66.5287



41.4832, 23.3344, 5.9332



18.4040, 20.6278, 13.0910



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.



74.3015, 88.9752, 16.8734



77.0849, 92.8136, 14.3152



47.9217, 75.3759, 15.6389



18.7274, 20.1908, 18.3726



39.0432, 47.0458, 7.0230



3.6161, 4.3573, 0.6504

Inverse Universe

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



20.1995, 10.4485, 91.4002



18.4272, 7.6744, 95.1178



31.6672, 16.3603, 91.9368



16.2832, 16.6431, 21.7395



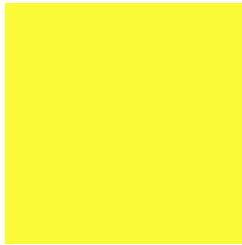
9.1529, 3.6612, 48.1978



0.8477, 0.3391, 4.4639

Previews

White Background



This preview shows how the XYZ color 74.2995, 88.9710, 16.8716 looks on a white background.

Color Contrast Check

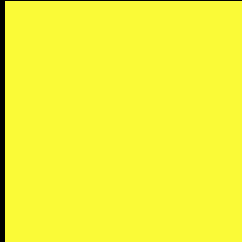
Large Text (above 18pt) WCAG AA × Fail

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 74.2995, 88.9710, 16.8716 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 74.2995, 88.9710, 16.8716

Background



This preview shows how black text looks on a background with the XYZ color 74.2995, 88.9710, 16.8716.



This preview shows how white text looks on a background with the XYZ color 74.2995, 88.9710,

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



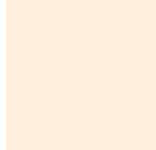
Original Color

74.2995, 88.9710, 16.8716



Protanopia

82.5066, 88.5700, 62.6163



Deuteranopia

85.5849, 88.8541, 81.7470



Tritanopia

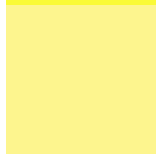
88.3127, 88.5438, 100.4318

Trichromacy



Original Color

74.2995, 88.9710, 16.8716



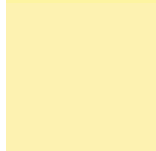
Protanomaly

78.0429, 88.1405, 38.4907



Deuteranomaly

79.2917, 88.1572, 46.5551



Tritanomaly

80.1960, 87.5612, 54.2692

Monochromacy



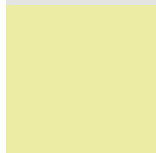
Original Color

74.2995, 88.9710, 16.8716



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.3791, 80.5404, 47.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2995, 88.9710, 16.8716 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(250, 250, 55)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 55)  
}
```

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(250, 250, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 55) }
```

Border

The CSS property to change the border of an element to XYZ 74.2995, 88.9710, 16.8716 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(250, 250, 55) }
```


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

```
.border{ border-color:rgb(250, 250, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 250, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 55);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
55) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2995, 88.9710, 16.8716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 55) }
```

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

```
.background{ background-color: rgb(250,  
250, 55) }
```

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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