

Converting Colors

XYZ(67.4995, 72.5864, 19.6855)

Have a look what the booklet for
XYZ(67.4995, 72.5864, 19.6855)
contains.

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Color

**XYZ(67.4995, 72.5864,
19.6855)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCDC58 |
| RGB | 252, 220, 88 |
| RGB Percent | 99%, 86%, 35% |
| CMY | 0.0118, 0.1372, 0.6549 |
| CMYK | 0.00, 0.13, 0.65, 0.01 |
| HSL | 48°, 96%, 67% |
| HSV | 48°, 65%, 99% |
| XYZ | 67.4995, 72.5864, 19.6855 |
| YIQ | 214.5200, 61.4440, -34.2680 |

Conversions

Conversions Part 2

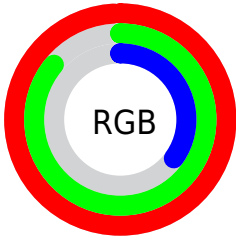
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 128, 252, 88 |
| Decimal | 16571480 |
| CIE Lab | 88.25, -3.26, 66.65 |
| CIE LCh | 88, 66.731, 92.802 |
| Yxy | 72.5864, 0.4225, 0.4543 |
| Android (android.graphics.Color) | 4294761560 (0xFFFCDC58) |
| YUV | 214.5200, -62.3744, 32.8700 |
| Hunter-Lab | 85.1977, -7.6758, 45.9390 |

Details

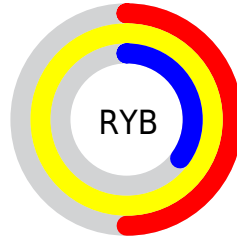
The XYZ color **67.4995, 72.5864, 19.6855** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **28.3115, 22.5353, 94.9524**, and the grayscale version is **64.6475, 68.0142, 74.0675**.

A 20% lighter version of the original color is **81.9579, 94.7632, 39.9581**, and **35.4030, 38.2006, 6.6061** is the 20% darker color. If you saturate the color by 10%, you get **65.3599, 69.6990, 14.6824**, and if you desaturate by 10%, it is **70.0411, 75.7008, 26.6032**.

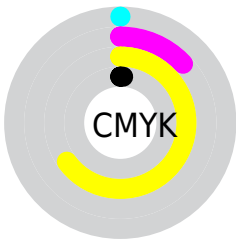
Distribution



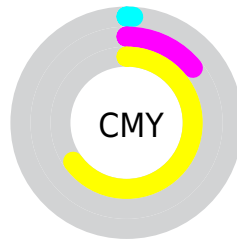
- Red (99%)
- Green (86%)
- Blue (35%)



- Red (50%)
- Yellow (99%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (65%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4995, 72.5864, 19.6855 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 67.4995, 72.5864, 19.6855 by changing the saturation by 10% instead.


 67.4995, 72.5864,
19.6855

 67.4995, 72.5864,
19.6855


441.1253,
469.5801, 262.7551


 49.7629, 53.6378,
11.9848


 114.6817,
122.8899, 43.7413


 35.4420, 38.3122,
6.6109


 144.8580,
155.0136, 60.9335

 24.1717, 26.2251,
3.1453


 179.9115,
192.2978, 82.1266

 15.5864, 16.9921,
1.1693

 220.2076,
235.1269, 107.7392

 9.3210, 10.2289,
0.0000

266.1117,
283.8852, 138.1898

 5.0099, 5.5510,
0.0000

317.9891,

 2.2879, 2.5740,

338.9573, 173.8970

0.0000

376.2052,
400.7275, 215.2792

■ 0.7885, 0.9136,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4995, 72.5864,
19.6855

■ 67.4995, 72.5864,
19.6855

■ 65.3599, 69.6990,
14.6824

■ 70.0411, 75.7008,
26.6032

■ 63.5778, 67.0121,
11.3841

■ 73.0133, 79.0460,
35.6075

■ 62.1067, 64.5093,
9.5391

■ 76.4479, 82.6377,
46.8561

■ 61.4625, 63.3310,
8.9847

■ 80.3719, 86.4875,
60.4902

■ 84.8103, 90.6057,
76.6395

■ 89.7861, 95.0021,
95.4242

■ 93.7696, 99.0652,
108.7871

■ 93.9546, 99.4353,
108.8487

Harmonies

Analogous

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



84.0149, 72.5864, 23.7481



67.4995, 72.5864, 19.6855



53.6437, 72.5864, 25.7314

Triad

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



67.4995, 72.5864, 19.6855



46.2465, 72.5864, 136.9561



100.0991, 72.5864, 126.4819

Complementary

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



67.4995, 72.5864, 19.6855



28.3115, 22.5353, 94.9524

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.



87.0178, 72.5864, 178.5166



67.4995, 72.5864, 19.6855



55.8746, 72.5864, 186.0276

Square

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



67.4995, 72.5864, 19.6855



42.6199, 72.5864, 83.4161



70.5047, 72.5864, 203.5887



104.4696, 72.5864, 74.8086

Rectangle

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



67.4995, 72.5864, 19.6855



47.2900, 72.5864, 36.8671



70.5047, 72.5864, 203.5887



96.4847, 72.5864, 145.0915

Sweetspot

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



67.5012, 72.5899, 19.6870



84.8069, 90.9552, 70.2130



47.0738, 29.0511, 21.1523



17.8821, 19.2158, 14.0514



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.



67.5012, 72.5899, 19.6870



66.5629, 70.7598, 13.9040



61.1461, 82.9935, 22.0300



18.4228, 19.5815, 18.2710



32.1220, 33.2006, 4.7153



3.0461, 3.2170, 0.4604

Inverse Universe

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



28.3115, 22.5353, 94.9524



23.7699, 16.2304, 96.4877



31.4104, 19.3439, 94.1731



16.5571, 17.1910, 21.8308



9.8085, 4.9726, 48.4164



0.9784, 0.6005, 4.5075

Previews

White Background



This preview shows how the XYZ color 67.4995, 72.5864, 19.6855 looks on a white background.

Color Contrast Check

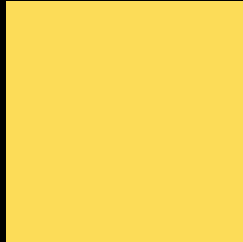
Large Text (above 18pt) WCAG AA × Fail

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 67.4995, 72.5864, 19.6855 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 67.4995, 72.5864, 19.6855

Background



This preview shows how black text looks on a background with the XYZ color 67.4995, 72.5864, 19.6855.



This preview shows how white text looks on a background with the XYZ color 67.4995, 72.5864,

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

67.4995, 72.5864, 19.6855

Protanopia

66.2822, 72.7380, 19.9976

Deuteranopia

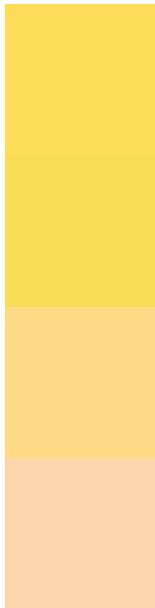
71.8856, 72.3989, 43.4433



Tritanopia

77.4714, 72.6271, 79.0425

Trichromacy



Original Color

67.4995, 72.5864, 19.6855

Protanomaly

66.7265, 72.5739, 19.9425

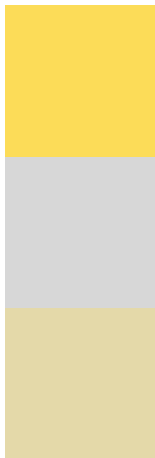
Deuteranomaly

69.9890, 72.4178, 32.8435

Tritanomaly

72.4624, 72.1811, 49.6483

Monochromacy



Original Color

67.4995, 72.5864, 19.6855

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

63.9692, 68.9843, 47.4799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4995, 72.5864, 19.6855 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(252, 220, 88)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 88)  
}
```

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(252, 220, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 88) }
```

Border

The CSS property to change the border of an element to XYZ 67.4995, 72.5864, 19.6855 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(252, 220, 88) }
```


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

```
.border{ border-color:rgb(252, 220, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 220, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 88);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4995, 72.5864, 19.6855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 88) }
```

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

```
.background{ background-color: rgb(252,  
220, 88) }
```

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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