

Converting Colors

XYZ(67.5108, 69.0501, 31.2528)

Have a look what the booklet for
XYZ(67.5108, 69.0501, 31.2528)
contains.

| | |
|--|----|
| XYZ(67.5359, 68.9227, 31.2166) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(67.5359, 68.9227,
31.2166)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCD383 |
| RGB | 252, 211, 131 |
| RGB Percent | 99%, 83%, 51% |
| CMY | 0.0118, 0.1725, 0.4863 |
| CMYK | 0.00, 0.16, 0.48, 0.01 |
| HSL | 40°, 95%, 75% |
| HSV | 40°, 48%, 99% |
| XYZ | 67.5359, 68.9227, 31.2166 |
| YIQ | 214.1390, 50.1160, -16.1880 |

Conversions

Conversions Part 2

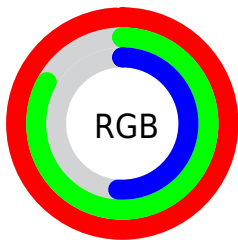
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 193, 252, 131 |
| Decimal | 16569219 |
| CIE Lab | 86.47, 4.51, 44.79 |
| CIE LCh | 86, 45.014, 84.251 |
| Yxy | 68.9227, 0.4028, 0.4110 |
| Android (android.graphics.Color) | 4294759299 (0xFFFC D383) |
| YUV | 214.1390, -40.9875, 33.2041 |
| Hunter-Lab | 83.0197, -0.0761, 35.8199 |

Details

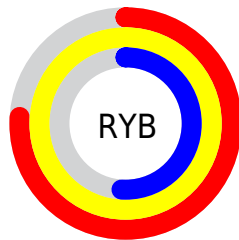
The XYZ color **67.5359, 68.9227, 31.2166** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.6827, 41.3570, 97.8810**, and the grayscale version is **64.2553, 67.6016, 73.6182**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **35.4973, 36.0306, 12.6731** is the 20% darker color. If you saturate the color by 10%, you get **63.9668, 64.1934, 22.6010**, and if you desaturate by 10%, it is **71.6364, 74.0500, 42.0598**.

Distribution



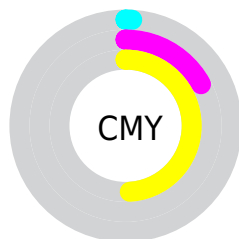
- Red (99%)
- Green (83%)
- Blue (51%)



- Red (76%)
- Yellow (99%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (48%)
- Black (1%)



- Cyan (1%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5359, 68.9227, 31.2166 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 67.5359, 68.9227, 31.2166 by changing the saturation by 10% instead.

67.5359, 68.9227,
31.2166

67.5359, 68.9227,
31.2166

441.2525,
456.7583, 321.9170

49.7926, 50.6488,
20.5040

114.7335,
117.6712, 62.6645

35.4657, 35.9292,
12.5742

144.9185,
148.9145, 84.2369

24.1900, 24.3795,
7.0088

179.9815,
185.2497, 110.2662

15.6002, 15.6154,
3.3890

220.2877,
227.0612, 141.1711

9.3307, 9.2524,
1.2966

266.2025,
274.7335, 177.3701

5.0163, 4.9062,
0.0590

318.0914,

2.2917, 2.1923,

328.6508, 219.2817

0.0000

376.3196,
389.1976, 267.3245

■ 0.7904, 0.7158,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.5359, 68.9227,
31.2166

■ 67.5359, 68.9227,
31.2166

■ 63.9668, 64.1934,
22.6010

■ 71.6364, 74.0500,
42.0598

■ 60.8916, 59.8366,
16.0469

■ 76.2925, 79.5799,
55.2722

■ 58.2755, 55.8381,
11.3716

■ 81.5328, 85.5291,
70.9884

■ 56.0755, 52.1777,
8.3577

■ 87.3821, 91.9102,
89.3316

■ 54.2337, 48.8294,
6.7102

■ 93.5397, 98.6053,
108.7104

■ 53.8947, 48.1952,
6.4620

■ 93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



77.9217, 68.9227, 37.4532



67.5359, 68.9227, 31.2166



57.6216, 68.9227, 33.9529

Triad

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



67.5359, 68.9227, 31.2166



48.8912, 68.9227, 101.1582



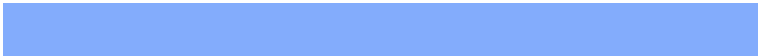
83.1465, 68.9227, 113.7955

Complementary

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



67.5359, 68.9227, 31.2166



41.6827, 41.3570, 97.8810

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.



74.0851, 68.9227, 140.4379



67.5359, 68.9227, 31.2166



54.4898, 68.9227, 131.8913

Square

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



67.5359, 68.9227, 31.2166



47.5326, 68.9227, 69.4444



63.5230, 68.9227, 147.8124



87.5272, 68.9227, 80.9392

Rectangle

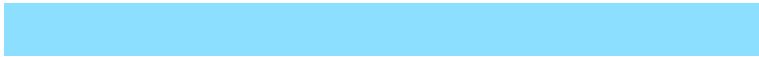
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.5359, 68.9227, 31.2166



52.5026, 68.9227, 40.9989



63.5230, 68.9227, 147.8124



80.5034, 68.9227, 124.0894

Sweetspot

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



67.5376, 68.9260, 31.2180



86.0879, 90.4347, 80.1434



55.8383, 39.9594, 44.4836



18.1548, 19.0581, 16.3097



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.



67.5376, 68.9260, 31.2180



65.7047, 65.9349, 23.2012



72.7897, 88.7264, 34.7631



18.2032, 19.1422, 18.1978



28.2164, 25.3895, 3.4135



2.7114, 2.5476, 0.3488

Inverse Universe

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



41.6827, 41.3570, 97.8810



36.2175, 34.5362, 99.3650



38.1094, 29.6653, 95.8126



16.7636, 17.6041, 21.8997



10.9822, 7.3200, 48.8076



1.1110, 0.8657, 4.5517

Previews

White Background



This preview shows how the XYZ color 67.5359, 68.9227, 31.2166 looks on a white background.

Color Contrast Check

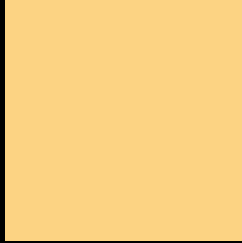
Large Text (above 18pt) WCAG AA × Fail

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 67.5359, 68.9227, 31.2166 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 67.5359, 68.9227, 31.2166

Background



This preview shows how black text looks on a background with the XYZ color 67.5359, 68.9227, 31.2166.



This preview shows how white text looks on a background with the XYZ color 67.5359, 68.9227,

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

67.5359, 68.9227, 31.2166

Protanopia

63.6386, 69.1520, 32.1839

Deuteranopia

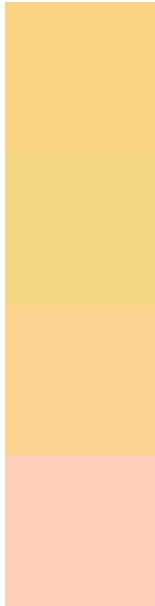
69.6264, 69.0953, 38.9452



Tritanopia

74.9906, 68.9297, 74.3181

Trichromacy



Original Color

67.5359, 68.9227, 31.2166

Protanomaly

65.0832, 69.1441, 31.7457

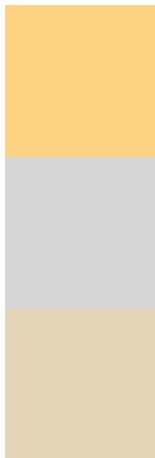
Deuteranomaly

68.9537, 69.1776, 36.1039

Tritanomaly

71.7013, 68.7162, 55.3834

Monochromacy



Original Color

67.5359, 68.9227, 31.2166

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4409, 67.5432, 54.9881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5359, 68.9227, 31.2166 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, 211, 131)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 131)  
}
```

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, 211, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 131) }
```

Border

The CSS property to change the border of an element to XYZ 67.5359, 68.9227, 31.2166 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, 211, 131) }
```


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

```
.border{ border-color:rgb(252, 211, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 131);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5359, 68.9227, 31.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 131) }
```

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

```
.background{ background-color: rgb(252,  
211, 131) }
```

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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