

Converting Colors

XYZ(66.5334, 71.6002, 11.1215)

Have a look what the booklet for
XYZ(66.5334, 71.6002, 11.1215)
contains.

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Color

**XYZ(66.4661, 71.4647,
11.1015)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDA17 |
| RGB | 255, 218, 23 |
| RGB Percent | 100%, 85%, 9% |
| CMY | 0.0000, 0.1451, 0.9097 |
| CMYK | 0.00, 0.15, 0.91, 0.00 |
| HSL | 50°, 100%, 55% |
| HSV | 50°, 91%, 100% |
| XYZ | 66.4661, 71.4647, 11.1015 |
| YIQ | 206.8330, 84.6470, -52.8010 |

Conversions

Conversions Part 2

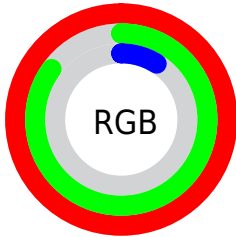
| Format | Color |
|-------------------------------------|--|
| RYB | 67, 255, 23 |
| Decimal | 16767511 |
| CIELab | 87.71, -3.22, 85.38 |
| CIELCh | 88, 85.438, 92.162 |
| Yxy | 71.4647, 0.4460, 0.4795 |
| Android (android.graphics.Color) | 4294957591 (0xFFFFDA17) |
| YUV | 206.8330, -90.6297, 42.2425 |
| Hunter-Lab | 84.5368, -7.5958, 51.3897 |

Details

The XYZ color **66.4661, 71.4647, 11.1015** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **20.0198, 10.6348, 95.6046**, and the grayscale version is **59.7304, 62.8411, 68.4339**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **35.2678, 37.8884, 5.4544** is the 20% darker color. If you saturate the color by 10%, you get **65.3716, 69.5237, 9.9740**, and if you desaturate by 10%, it is **67.9246, 73.7589, 13.5092**.

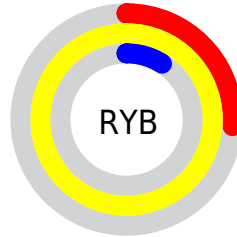
Distribution



Red (100%)

Green (85%)

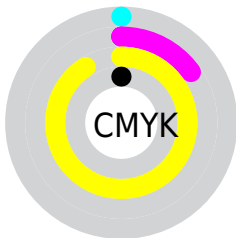
Blue (9%)



Red (26%)

Yellow (100%)

Blue (9%)

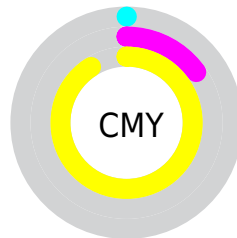


Cyan (0%)

Magenta (15%)

Yellow (91%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4661, 71.4647, 11.1015 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 66.4661, 71.4647, 11.1015 by changing the saturation by 10% instead.

66.4661, 71.4647,
11.1015

66.4661, 71.4647,
11.1015

437.5044,
465.6763, 209.1250

48.9200, 52.7215,
6.0201

113.2091,
121.2952, 28.4872

34.7703, 37.5805,
2.7883

143.1366,
153.1512, 41.6286

23.6517, 25.6573,
0.9876

177.9221,
190.1471, 58.2938

15.1988, 16.5674,
0.0000

217.9307,
232.6670, 78.9013

9.0462, 9.9266,
0.0000

263.5279,
281.0955, 103.8696

4.8287, 5.3503,
0.0000

315.0790,

2.1808, 2.4542,

335.8170, 133.6173

0.0000

372.9494,
397.2158, 168.5629

■ 0.7326, 0.8536,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.4661, 71.4647,
11.1015

■ 66.4661, 71.4647,
11.1015

■ 65.3716, 69.5237,
9.9740

■ 67.9246, 73.7589,
13.5092

■ 69.7105, 76.2230,
17.5196

■ 71.8706, 78.8787,
23.3710

■ 74.4426, 81.7414,
31.2611

■ 77.4593, 84.8246,
41.3622

■ 80.9502, 88.1402,
53.8281

■ 84.9420, 91.6993,
68.7990

■ 89.4595, 95.5120,
86.4041

94.5255, 99.5877,
106.7637

Harmonies

Analogous

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



87.7832, 71.4647, 14.9854



66.4661, 71.4647, 11.1015



49.2308, 71.4647, 16.4332

Triad

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



66.4661, 71.4647, 11.1015



40.0019, 71.4647, 153.5702



108.5128, 71.4647, 142.3841

Complementary

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



66.4661, 71.4647, 11.1015



20.0198, 10.6348, 95.6046

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.



90.8379, 71.4647, 215.5787



66.4661, 71.4647, 11.1015



51.3132, 71.4647, 223.9875

Square

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



66.4661, 71.4647, 11.1015



35.9661, 71.4647, 82.0979



69.4052, 71.4647, 250.9626



114.7500, 71.4647, 73.6797

Rectangle

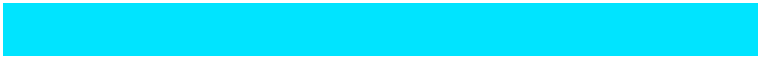
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.4661, 71.4647, 11.1015



41.5761, 71.4647, 27.4867



69.4052, 71.4647, 250.9626



103.5594, 71.4647, 168.2480

Sweetspot

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



66.4677, 71.4682, 11.1029



82.4759, 89.5256, 59.4713



42.4071, 22.2175, 6.5647



17.3718, 18.9070, 11.6865



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.



66.4677, 71.4682, 11.1029



65.3721, 69.5242, 9.9740



54.1993, 81.0075, 13.5908



19.3001, 20.5683, 19.0972



34.2506, 36.5124, 5.2424



3.3980, 3.6814, 0.5315

Inverse Universe

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



20.0198, 10.6348, 95.6046



18.8313, 8.7826, 95.3104



23.6501, 10.5623, 95.3993



17.2369, 17.8454, 22.7860



9.9085, 4.7265, 49.8247



1.0287, 0.5880, 4.8726

Previews

White Background



This preview shows how the XYZ color 66.4661, 71.4647, 11.1015 looks on a white background.

Color Contrast Check

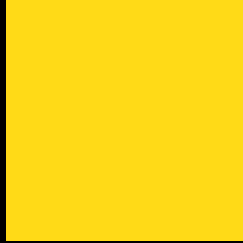
Large Text (above 18pt) WCAG AA × Fail

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 66.4661, 71.4647, 11.1015 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 66.4661, 71.4647, 11.1015

Background



This preview shows how black text looks on a background with the XYZ color 66.4661, 71.4647, 11.1015.



This preview shows how white text looks on a background with the XYZ color 66.4661, 71.4647,

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

66.4661, 71.4647, 11.1015

Protanopia

64.7327, 71.7353, 11.2987

Deuteranopia

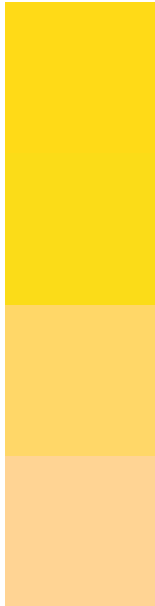
70.8725, 71.5875, 39.3605



Tritanopia

76.5821, 71.4862, 76.7797

Trichromacy



Original Color

66.4661, 71.4647, 11.1015

Protanomaly

65.5417, 71.7616, 11.2611

Deuteranomaly

68.0391, 70.8604, 23.1881

Tritanomaly

70.1288, 70.4851, 37.9258

Monochromacy



Original Color

66.4661, 71.4647, 11.1015

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7684, 64.3293, 34.1303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4661, 71.4647, 11.1015 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(255, 218, 23)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 23)  
}
```

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(255, 218, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 23) }
```

Border

The CSS property to change the border of an element to XYZ 66.4661, 71.4647, 11.1015 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(255, 218, 23) }
```


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

```
.border{ border-color:rgb(255, 218, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 23);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4661, 71.4647, 11.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 23) }
```

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

```
.background{ background-color: rgb(255,  
218, 23) }
```

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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