

Converting Colors

XYZ(67.4716, 74.7484, 11.0728)

Have a look what the booklet for
XYZ(67.4716, 74.7484, 11.0728)
contains.

XYZ(67.4716, 74.7484, 11.0728)	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(67.4716, 74.7484,
11.0728)**

Conversions

Conversions Part 1

Format	Color
Hex	FDE107
RGB	253, 225, 7
RGB Percent	99%, 88%, 3%
CMY	0.0078, 0.1176, 0.9724
CMYK	0.00, 0.11, 0.97, 0.01
HSL	53°, 98%, 51%
HSV	53°, 97%, 99%
XYZ	67.4716, 74.7484, 11.0728
YIQ	208.5200, 86.6660, -61.8620

Conversions

Conversions Part 2

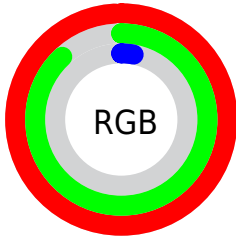
Format	Color
R _Y B	39, 253, 7
Decimal	16638215
CIE Lab	89.28, -7.74, 88.16
CIE LCh	89, 88.495, 95.019
Yxy	74.7484, 0.4401, 0.4876
Android (android.graphics.Color)	4294828295 (0xFFFDE107)
YUV	208.5200, -99.3494, 39.0090
Hunter-Lab	86.4572, -11.9977, 52.9266

Details

The XYZ color **67.4716, 74.7484, 11.0728** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **18.4193, 8.3407, 93.5669**, and the grayscale version is **60.8826, 64.0532, 69.7540**.

A 20% lighter version of the original color is **78.9318, 93.5527, 24.0225**, and **35.8606, 39.8258, 5.7971** is the 20% darker color. If you saturate the color by 10%, you get **67.2189, 74.3049, 10.7995**, and if you desaturate by 10%, it is **68.4850, 76.4127, 12.5299**.

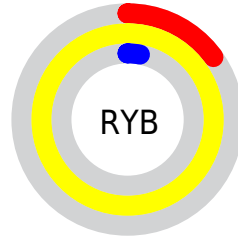
Distribution



Red (99%)

Green (88%)

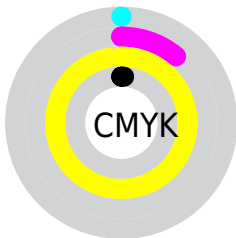
Blue (3%)



Red (15%)

Yellow (99%)

Blue (3%)

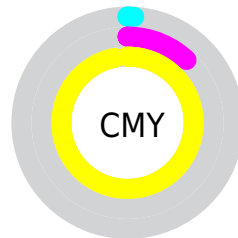


Cyan (0%)

Magenta (11%)

Yellow (97%)

Black (1%)



Cyan (1%)

Magenta (12%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.4716, 74.7484, 11.0728 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 67.4716, 74.7484, 11.0728 by changing the saturation by 10% instead.


 67.4716, 74.7484,
11.0728


 67.4716, 74.7484,
11.0728


441.0277,
477.0523, 208.9217

 49.7401, 55.4068,
6.0010


 114.6420,
125.9561, 28.4334


 35.4239, 39.7275,
2.7769


 144.8115,
158.5911, 41.5593


 24.1576, 27.3262,
0.9819


 179.8578,
196.4259, 58.2071

 15.5759, 17.8183,
0.0000

 220.1462,
239.8450, 78.7951

 9.3135, 10.8196,
0.0000

 266.0421,
289.2328, 103.7421

 5.0050, 5.9457,
0.0000

 317.9107,

 2.2850, 2.8121,

344.9737, 133.4665

0.0000

376.1174,
407.4521, 168.3868

■ 0.7870, 1.0344,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.4716, 74.7484,
11.0728

■ 67.4716, 74.7484,
11.0728


■ 67.2189, 74.3049,
10.7995

■ 68.4850, 76.4127,
12.5299


■ 69.7724, 78.2048,
15.3717


■ 71.3881, 80.1494,
19.8777


■ 73.3733, 82.2632,
26.2633

 75.7628, 84.5600,
34.7120

 78.5874, 87.0523,
45.3851

 81.8746, 89.7514,
58.4282

 85.6498, 92.6673,
73.9744

 89.9366, 95.8096,
92.1469

Harmonies

Analogous

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



90.0861, 74.7484, 14.1452



67.4716, 74.7484, 11.0728



49.7634, 74.7484, 17.6426

Triad

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



67.4716, 74.7484, 11.0728



42.1522, 74.7484, 170.5946



115.7766, 74.7484, 142.7252

Complementary

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



67.4716, 74.7484, 11.0728



18.4193, 8.3407, 93.5669

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.



97.6676, 74.7484, 222.9887



67.4716, 74.7484, 11.0728



54.8978, 74.7484, 244.0068

Square

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



67.4716, 74.7484, 11.0728



37.1625, 74.7484, 92.2526



74.7447, 74.7484, 266.8944



121.0183, 74.7484, 71.4124

Rectangle

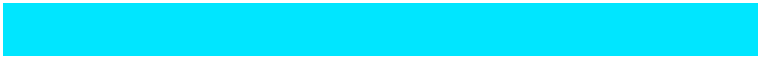
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.4716, 74.7484, 11.0728



42.1413, 74.7484, 30.4391



74.7447, 74.7484, 266.8944



110.8347, 74.7484, 170.4909

Sweetspot

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



67.4733, 74.7520, 11.0743



82.7193, 90.8657, 56.9220



40.8983, 21.1609, 3.5763



17.3950, 19.1959, 10.9467



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.



67.4733, 74.7520, 11.0743



68.4308, 75.6416, 10.9936



49.4045, 77.6069, 12.5777



19.3743, 20.7168, 19.1219



35.8271, 39.6654, 5.7679



3.5364, 3.9582, 0.5776

Inverse Universe

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



18.4193, 8.3407, 93.5669



18.4899, 8.0997, 95.1966



23.2085, 10.0296, 93.6405



17.1694, 17.7105, 22.7635



9.7140, 4.3375, 49.7598



0.9971, 0.5248, 4.8620

Previews

White Background



This preview shows how the XYZ color 67.4716, 74.7484, 11.0728 looks on a white background.

Color Contrast Check

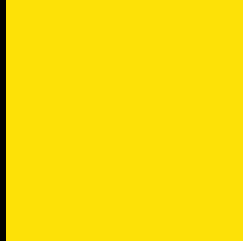
Large Text (above 18pt) WCAG AA × Fail

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 67.4716, 74.7484, 11.0728 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 67.4716, 74.7484, 11.0728

Background



This preview shows how black text looks on a background with the XYZ color 67.4716, 74.7484, 11.0728.



This preview shows how white text looks on a background with the XYZ color 67.4716, 74.7484,

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

67.4716, 74.7484, 11.0728

Protanopia

67.4716, 74.7484, 11.0728

Deuteranopia

73.5466, 74.7131, 47.1040



Tritanopia

78.8772, 74.7894, 81.5127

Trichromacy



Original Color

67.4716, 74.7484, 11.0728

Protanomaly

67.4716, 74.7484, 11.0728



Deuteranomaly

69.4898, 73.8879, 25.0673



Tritanomaly

71.1328, 73.2890, 37.5912

Monochromacy



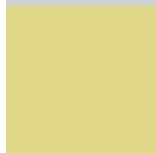
Original Color

67.4716, 74.7484, 11.0728



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

59.7957, 66.3860, 32.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4716, 74.7484, 11.0728 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(253, 225, 7)` looks like.

```
.text, #text, p{  
    color:rgb(253, 225, 7)  
}
```

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(253, 225, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 225, 7) }
```

Border

The CSS property to change the border of an element to XYZ 67.4716, 74.7484, 11.0728 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(253, 225, 7) }
```


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

```
.border{ border-color:rgb(253, 225, 7) }
```

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

Here you see how a box with a 4 pixel rgb(253, 225, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 225, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 225, 7);  
box-shadow:4px 4px 4px 4px rgb(253, 225,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4716, 74.7484, 11.0728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 225, 7) }
```

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

```
.background{ background-color: rgb(253,  
225, 7) }
```

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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