

Converting Colors

XYZ(66.3067, 73.3387, 11.3705)

Have a look what the booklet for
XYZ(66.3067, 73.3387, 11.3705)
contains.

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Color

**XYZ(66.3067, 73.3387,
11.3705)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDF15
RGB	251, 223, 21
RGB Percent	98%, 87%, 8%
CMY	0.0157, 0.1255, 0.9176
CMYK	0.00, 0.11, 0.92, 0.02
HSL	53°, 97%, 53%
HSV	53°, 92%, 98%
XYZ	66.3067, 73.3387, 11.3705
YIQ	208.3440, 81.5300, -56.8860

Conversions

Conversions Part 2

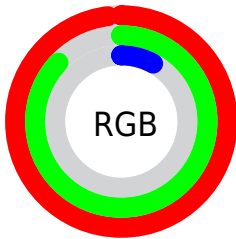
Format	Color
RYB	53, 251, 21
Decimal	16506645
CIELab	88.61, -7.45, 86.18
CIELCh	89, 86.500, 94.943
Yxy	73.3387, 0.4391, 0.4856
Android (android.graphics.Color)	4294696725 (0xFFFBDF15)
YUV	208.3440, -92.3606, 37.4093
Hunter-Lab	85.6380, -11.6599, 52.0744

Details

The XYZ color **66.3067, 73.3387, 11.3705** 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 **18.8208, 9.3221, 92.0735**, and the grayscale version is **60.7247, 63.8871, 69.5731**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **35.2378, 38.9524, 5.6613** is the 20% darker color. If you saturate the color by 10%, you get **65.4944, 71.9312, 10.4322**, and if you desaturate by 10%, it is **67.4920, 75.1336, 13.5420**.

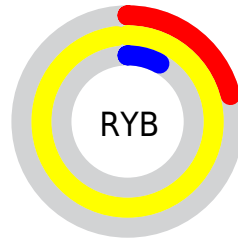
Distribution



Red (98%)

Green (87%)

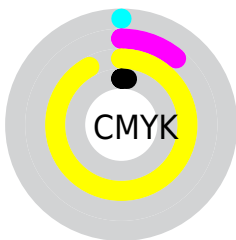
Blue (8%)



Red (21%)

Yellow (98%)

Blue (8%)

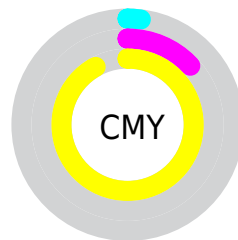


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3067, 73.3387, 11.3705 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 66.3067, 73.3387, 11.3705 by changing the saturation by 10% instead.

66.3067, 73.3387,
11.3705

66.3067, 73.3387,
11.3705

436.9443,
472.1879, 211.0199

48.7900, 54.2530,
6.1993

112.9817,
123.9579, 28.9903

34.6668, 38.8039,
2.8959

142.8708,
156.2602, 42.2761

23.5716, 26.6072,
1.0417

177.6147,
193.7368, 59.1037

15.1392, 17.2785,
0.0000

217.5788,
236.7720, 79.8919

9.0041, 10.4332,
0.0000

263.1284,
285.7504, 105.0590

4.8010, 5.6871,
0.0000

314.6290,

2.1645, 2.6558,

341.0562, 135.0237

0.0000

372.4459,
403.0739, 170.2045

■ 0.7239, 0.9548,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3067, 73.3387,
11.3705

■ 66.3067, 73.3387,
11.3705

■ 65.4944, 71.9312,
10.4322

■ 67.4920, 75.1336,
13.5420

■ 68.9793, 77.0701,
17.2383

■ 70.8144, 79.1695,
22.6920

■ 73.0336, 81.4465,
30.0951

■ 75.6687, 83.9140,
39.6144

■ 78.7482, 86.5833,
51.3990

■ 82.2978, 89.4650,
65.5844

■ 86.3414, 92.5686,
82.2955

■ 90.9009, 95.9032,
101.6486

Harmonies

Analogous

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



88.1146, 73.3387, 14.4442



66.3067, 73.3387, 11.3705



49.1613, 73.3387, 17.8472

Triad

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



66.3067, 73.3387, 11.3705



41.7217, 73.3387, 165.3889



112.7286, 73.3387, 139.0659

Complementary

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



66.3067, 73.3387, 11.3705



18.8208, 9.3221, 92.0735

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.



95.3004, 73.3387, 215.9102



66.3067, 73.3387, 11.3705



54.0588, 73.3387, 235.6973

Square

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



66.3067, 73.3387, 11.3705



36.8908, 73.3387, 90.1667



73.2200, 73.3387, 257.7204



117.7992, 73.3387, 70.3580

Rectangle

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



66.3067, 73.3387, 11.3705



41.7544, 73.3387, 30.3704



73.2200, 73.3387, 257.7204



107.9716, 73.3387, 165.6957

Sweetspot

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



66.3084, 73.3422, 11.3720



83.2635, 91.1008, 59.7338



40.6645, 21.2911, 5.1777



17.5604, 19.2843, 11.7494



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.



66.3084, 73.3422, 11.3720



67.8855, 74.5511, 10.8118



50.4997, 77.2279, 12.9552



18.5365, 19.8089, 18.3089



34.4995, 37.9556, 5.5079



3.2444, 3.6137, 0.5265

Inverse Universe

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



18.8208, 9.3221, 92.0735



18.5410, 8.2019, 95.2137



23.5472, 10.5261, 92.0568



16.4532, 16.9832, 21.7962



9.4585, 4.2726, 48.2997



0.9286, 0.5008, 4.4909

Previews

White Background



This preview shows how the XYZ color 66.3067, 73.3387, 11.3705 looks on a white background.

Color Contrast Check

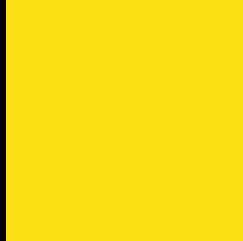
Large Text (above 18pt) WCAG AA × Fail

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 66.3067, 73.3387, 11.3705 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 66.3067, 73.3387, 11.3705

Background



This preview shows how black text looks on a background with the XYZ color 66.3067, 73.3387, 11.3705.



This preview shows how white text looks on a background with the XYZ color 66.3067, 73.3387,

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

66.3067, 73.3387, 11.3705

Protanopia

66.3067, 73.3387, 11.3705

Deuteranopia

72.3980, 73.4238, 43.6141



Tritanopia

77.8535, 73.1762, 79.8331

Trichromacy



Original Color

66.3067, 73.3387, 11.3705

Protanomaly

66.3067, 73.3387, 11.3705



Deuteranomaly

68.9649, 72.8380, 24.8923



Tritanomaly

70.6785, 71.8737, 39.0020

Monochromacy



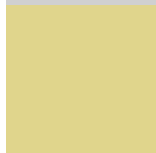
Original Color

66.3067, 73.3387, 11.3705



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

59.2683, 65.3292, 34.2970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3067, 73.3387, 11.3705 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(251, 223, 21)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 21)  
}
```

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(251, 223, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 21) }
```

Border

The CSS property to change the border of an element to XYZ 66.3067, 73.3387, 11.3705 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(251, 223, 21) }
```


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

```
.border{ border-color:rgb(251, 223, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 21);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
21) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3067, 73.3387, 11.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 21) }
```

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

```
.background{ background-color: rgb(251,  
223, 21) }
```

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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