

Converting Colors

XYZ(61.6286, 68.5821, 11.0264)

Have a look what the booklet for
XYZ(61.6286, 68.5821, 11.0264)
contains.

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Color

**XYZ(61.6286, 68.5821,
11.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D91B
RGB	242, 217, 27
RGB Percent	95%, 85%, 11%
CMY	0.0510, 0.1490, 0.8941
CMYK	0.00, 0.10, 0.89, 0.05
HSL	53°, 89%, 53%
HSV	53°, 89%, 95%
XYZ	61.6286, 68.5821, 11.0264
YIQ	202.8150, 75.8900, -53.7900

Conversions

Conversions Part 2

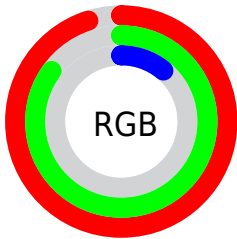
Format	Color
RYB	55, 242, 27
Decimal	15915291
CIELab	86.30, -8.17, 83.15
CIElCh	86, 83.551, 95.611
Yxy	68.5821, 0.4363, 0.4856
Android (android.graphics.Color)	4294105371 (0xFFFF2D91B)
YUV	202.8150, -86.6768, 34.3652
Hunter-Lab	82.8143, -12.0892, 50.0758

Details

The XYZ color **61.6286, 68.5821, 11.0264** 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 **17.7075, 9.1004, 84.8269**, and the grayscale version is **57.1446, 60.1206, 65.4713**.

A 20% lighter version of the original color is **79.1577, 93.6431, 25.2121**, and **32.1532, 36.0181, 5.2575** is the 20% darker color. If you saturate the color by 10%, you get **60.7285, 67.0743, 9.8267**, and if you desaturate by 10%, it is **62.7658, 70.2099, 13.4004**.

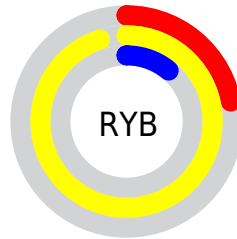
Distribution



Red (95%)

Green (85%)

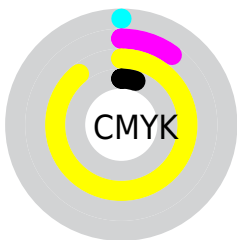
Blue (11%)



Red (22%)

Yellow (95%)

Blue (11%)

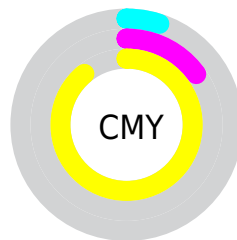


Cyan (0%)

Magenta (10%)

Yellow (89%)

Black (5%)



Cyan (5%)

Magenta (15%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6286, 68.5821, 11.0264 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 61.6286, 68.5821, 11.0264 by changing the saturation by 10% instead.

61.6286, 68.5821,
11.0264

61.6286, 68.5821,
11.0264

420.3142,
455.5557, 208.5925

44.9871, 50.3714,
5.9702

106.2815,
117.1845, 28.3464

31.6485, 35.7086,
2.7585

135.0237,
148.3450, 41.4472

21.2474, 24.2092,
0.9727

168.5302,
184.5910, 58.0667

13.4185, 15.4889,
0.0000

207.1663,
226.3067, 78.6234

7.7963, 9.1632,
0.0000

251.2974,
273.8767, 103.5357

4.0156, 4.8478,
0.0000

301.2889,

1.7110, 2.1582,

327.6852, 133.2224

0.0000

357.5060,
388.1167, 168.1018

■ 0.4631, 0.6971,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6286, 68.5821,
11.0264

■ 61.6286, 68.5821,
11.0264

■ 60.7285, 67.0743,
9.8267


■ 62.7658, 70.2099,
13.4004


■ 60.6303, 66.9025,
9.7179


■ 64.1916, 71.9703,
17.2394


■ 65.9452, 73.8818,
22.7436


■ 68.0588, 75.9574,
30.0810

 70.5603, 78.2083,
39.3991

 73.4749, 80.6447,
50.8304

 76.8257, 83.2759,
64.4959

 80.6340, 86.1106,
80.5075

 84.9197, 89.1567,
98.9694

Harmonies

Analogous

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



81.7146, 68.5821, 13.7241



61.6286, 68.5821, 11.0264



45.9016, 68.5821, 17.3592

Triad

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



61.6286, 68.5821, 11.0264



39.4624, 68.5821, 155.0811



105.0933, 68.5821, 127.6257

Complementary

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



61.6286, 68.5821, 11.0264



17.7075, 9.1004, 84.8269

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.



89.2303, 68.5821, 198.4441



61.6286, 68.5821, 11.0264



51.0502, 68.5821, 219.0263

Square

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



61.6286, 68.5821, 11.0264



34.8247, 68.5821, 85.5393



68.8761, 68.5821, 237.9062



109.4545, 68.5821, 64.7705

Rectangle

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



61.6286, 68.5821, 11.0264



39.1386, 68.5821, 29.3422



68.8761, 68.5821, 237.9062



100.7951, 68.5821, 152.0804

Sweetspot

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



61.6301, 68.5854, 11.0278



83.3785, 91.3307, 59.7721



37.6318, 19.9103, 5.1197



17.5880, 19.3394, 11.7586



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.



61.6301, 68.5854, 11.0278



68.2615, 75.3031, 10.9372



46.3648, 71.0140, 12.3011



16.9569, 18.1269, 16.7548



32.6370, 36.0720, 5.2424



2.7591, 3.0889, 0.4508

Inverse Universe

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



17.7075, 9.1004, 84.8269



18.5053, 8.1306, 95.2018



22.7781, 10.4734, 84.8246



15.0452, 15.5246, 19.9252



8.8844, 3.9930, 45.4303



0.7870, 0.4281, 3.7954

Previews

White Background



This preview shows how the XYZ color 61.6286, 68.5821, 11.0264 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 61.6286, 68.5821, 11.0264 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 61.6286, 68.5821, 11.0264

Background



This preview shows how black text looks on a background with the XYZ color 61.6286, 68.5821, 11.0264.



This preview shows how white text looks on a background with the XYZ color 61.6286, 68.5821,

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

61.6286, 68.5821, 11.0264

Protanopia

61.7158, 68.2456, 10.9568

Deuteranopia

68.3435, 68.5822, 32.1898



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

61.6286, 68.5821, 11.0264

Protanomaly

61.7158, 68.2456, 10.9568



Deuteranomaly

65.0334, 68.2372, 20.5699



Tritanomaly

67.0825, 67.0878, 37.4306

Monochromacy



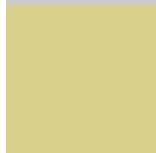
Original Color

61.6286, 68.5821, 11.0264



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

55.8313, 61.7275, 33.3981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6286, 68.5821, 11.0264 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(242, 217, 27)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 27)  
}
```

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(242, 217, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 27) }
```

Border

The CSS property to change the border of an element to XYZ 61.6286, 68.5821, 11.0264 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(242, 217, 27) }
```


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

```
.border{ border-color:rgb(242, 217, 27) }
```

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

Here you see how a box with a 4 pixel rgb(242, 217, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 27);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6286, 68.5821, 11.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 27) }
```

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

```
.background{ background-color: rgb(242,  
217, 27) }
```

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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