

Converting Colors

XYZ(62.0592, 68.9869, 10.3523)

Have a look what the booklet for
XYZ(62.0592, 68.9869, 10.3523)
contains.

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Color

**XYZ(61.8354, 68.7046,
10.3188)**

Conversions

Conversions Part 1

Format	Color
Hex	F3D90B
RGB	243, 217, 11
RGB Percent	95%, 85%, 4%
CMY	0.0471, 0.1490, 0.9568
CMYK	0.00, 0.11, 0.95, 0.05
HSL	53°, 91%, 50%
HSV	53°, 95%, 95%
XYZ	61.8354, 68.7046, 10.3188
YIQ	201.2900, 81.6220, -58.5540

Conversions

Conversions Part 2

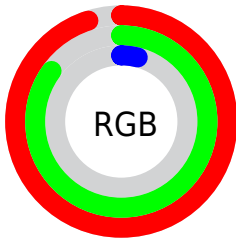
Format	Color
R_{YB}	40, 243, 11
Decimal	15980811
CIE _{Lab}	86.36, -7.95, 85.29
CIE _{LCh}	86, 85.664, 95.324
Yxy	68.7046, 0.4390, 0.4878
Android (android.graphics.Color)	4294170891 (0xFFFF3D90B)
YUV	201.2900, -93.8130, 36.5797
Hunter-Lab	82.8882, -11.8917, 50.6407

Details

The XYZ color **61.8354, 68.7046, 10.3188** 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 **16.9780, 7.8666, 85.4168**, and the grayscale version is **56.2297, 59.1580, 64.4231**.

A 20% lighter version of the original color is **78.8883, 93.5353, 23.7938**, and **32.3886, 36.1395, 5.2686** is the 20% darker color. If you saturate the color by 10%, you get **61.4591, 68.0492, 9.8956**, and if you desaturate by 10%, it is **62.7923, 70.2223, 11.8603**.

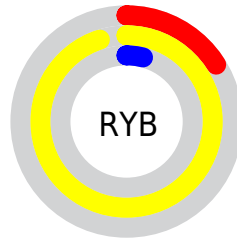
Distribution



Red (95%)

Green (85%)

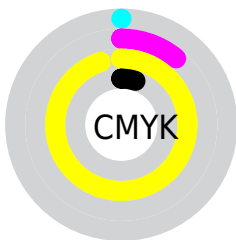
Blue (4%)



Red (16%)

Yellow (95%)

Blue (4%)

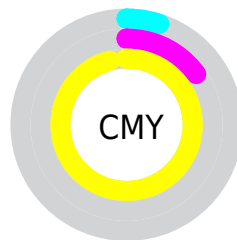


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8354, 68.7046, 10.3188 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 61.8354, 68.7046, 10.3188 by changing the saturation by 10% instead.


 61.8354, 68.7046,
10.3188


 61.8354, 68.7046,
10.3188


421.0576,
455.9884, 203.4993

 45.1548, 50.4712,
5.5025


 106.5789,
117.3596, 27.0106

 31.7812, 35.7879,
2.4811


 135.3725,
148.5499, 39.7231


 21.3492, 24.2704,
0.8301


 168.9345,
184.8279, 55.9048

 13.4934, 15.5344,
0.0000

 207.6302,
226.5782, 75.9741

 7.8485, 9.1953,
0.0000

 251.8250,
274.1849, 100.3497

 4.0491, 4.8688,
0.0000

 301.8843,

 1.7300, 2.1705,

328.0326, 129.4501

0.0000

358.1733,
388.5057, 163.6938

■ 0.4749, 0.7038,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8354, 68.7046,
10.3188

■ 61.8354, 68.7046,
10.3188

■ 61.4591, 68.0492,
9.8956

■ 62.7923, 70.2223,
11.8603

■ 64.0091, 71.8599,
14.7199

■ 65.5317, 73.6385,
19.1319

■ 67.3959, 75.5726,
25.2850

■ 69.6325, 77.6745,
33.3412

■ 72.2689, 79.9553,
43.4438

■ 75.3296, 82.4248,
55.7224

■ 78.8373, 85.0923,
70.2959

■ 82.8130, 87.9661,
87.2746

Harmonies

Analogous

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



82.5037, 68.7046, 13.0615



61.8354, 68.7046, 10.3188



45.6851, 68.7046, 16.4804

Triad

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



61.8354, 68.7046, 10.3188



38.9239, 68.7046, 157.1267



106.3225, 68.7046, 130.1259

Complementary

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



61.8354, 68.7046, 10.3188



16.9780, 7.8666, 85.4168

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.



89.8564, 68.7046, 203.5355



61.8354, 68.7046, 10.3188



50.6741, 68.7046, 223.8780

Square

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



61.8354, 68.7046, 10.3188



34.2783, 68.7046, 85.3779



68.8951, 68.7046, 244.1429



110.9687, 68.7046, 65.1479

Rectangle

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



61.8354, 68.7046, 10.3188



38.7493, 68.7046, 28.3704



68.8951, 68.7046, 244.1429



101.8438, 68.7046, 155.4769

Sweetspot

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



61.8369, 68.7079, 10.3202



82.7590, 90.9450, 56.9352



37.4331, 19.4350, 3.6196



17.4046, 19.2153, 10.9499



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.



61.8369, 68.7079, 10.3202



68.5528, 75.8856, 11.0343



45.4517, 71.0023, 11.6266



17.7468, 18.9778, 17.5253



33.7941, 37.4737, 5.4520



3.0144, 3.3821, 0.4939

Inverse Universe

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



16.9780, 7.8666, 85.4168



18.4790, 8.0779, 95.1930



21.5473, 9.4173, 85.4753



15.7306, 16.2256, 20.8453



9.1444, 4.0827, 46.8441



0.8517, 0.4548, 4.1331

Previews

White Background



This preview shows how the XYZ color 61.8354, 68.7046, 10.3188 looks on a white background.

Color Contrast Check

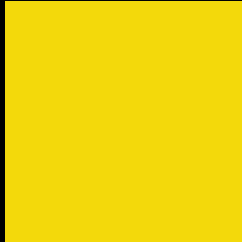
Large Text (above 18pt) WCAG AA × Fail

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 61.8354, 68.7046, 10.3188 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 61.8354, 68.7046, 10.3188

Background



This preview shows how black text looks on a background with the XYZ color 61.8354, 68.7046, 10.3188.



This preview shows how white text looks on a background with the XYZ color 61.8354, 68.7046,

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

61.8354, 68.7046, 10.3188

Protanopia

62.1815, 68.8830, 10.3350

Deuteranopia

68.4136, 68.6102, 32.5590



Tritanopia

74.8849, 68.5108, 74.9227

Trichromacy



Original Color

61.8354, 68.7046, 10.3188

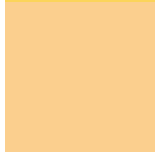
Protanomaly

62.1815, 68.8830, 10.3350



Deuteranomaly

65.1726, 68.3344, 19.4277



Tritanomaly

66.9790, 67.0879, 35.0103

Monochromacy



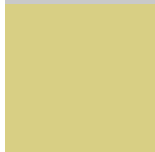
Original Color

61.8354, 68.7046, 10.3188



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

54.7966, 60.8905, 30.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8354, 68.7046, 10.3188 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(243, 217, 11)` looks like.

```
.text, #text, p{  
    color:rgb(243, 217, 11)  
}
```

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(243, 217, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 217, 11) }
```

Border

The CSS property to change the border of an element to XYZ 61.8354, 68.7046, 10.3188 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(243, 217, 11) }
```


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

```
.border{ border-color:rgb(243, 217, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 217, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 217, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 217, 11);  
box-shadow:4px 4px 4px 4px rgb(243, 217,  
11) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8354, 68.7046, 10.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 217, 11) }
```

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

```
.background{ background-color: rgb(243,  
217, 11) }
```

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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