

Converting Colors

XYZ(23.2586, 38.2459, 11.7872)

Have a look what the booklet for
XYZ(23.2586, 38.2459, 11.7872)
contains.

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Color

**XYZ(23.2581, 38.2456,
11.7865)**

Conversions

Conversions Part 1

Format	Color
Hex	5CBB45
RGB	92, 187, 69
RGB Percent	36%, 73%, 27%
CMY	0.6392, 0.2667, 0.7294
CMYK	0.51, 0.00, 0.63, 0.27
HSL	108°, 46%, 50%
HSV	108°, 63%, 73%
XYZ	23.2581, 38.2456, 11.7865
YIQ	145.1430, -18.7420, -56.8380

Conversions

Conversions Part 2

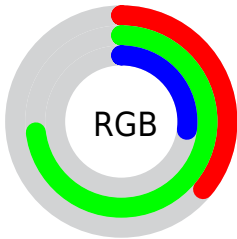
Format	Color
RYB	69, 187, 164
Decimal	6077253
CIELab	68.20, -50.20, 49.86
CIELCh	68, 70.750, 135.195
Yxy	38.2456, 0.3173, 0.5218
Android (android.graphics.Color)	4284267333 (0xFF5CBB45)
YUV	145.1430, -37.5385, -46.6064
Hunter-Lab	61.8430, -41.0945, 31.9902

Details

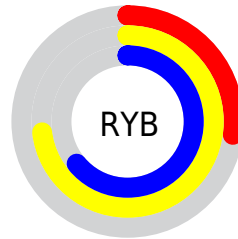
The XYZ color **23.2581, 38.2456, 11.7865** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **26.4096, 15.7379, 48.6615**, and the grayscale version is **27.1260, 28.5387, 31.0786**.

A 20% lighter version of the original color is **48.2580, 72.4961, 29.8620**, and **8.8628, 17.0144, 3.0754** is the 20% darker color. If you saturate the color by 10%, you get **21.4094, 37.3506, 9.1330**, and if you desaturate by 10%, it is **25.5904, 39.3711, 15.4189**.

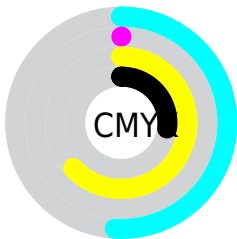
Distribution



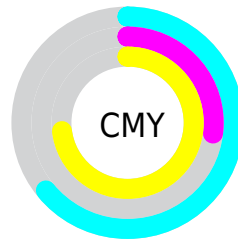
- Red (36%)
- Green (73%)
- Blue (27%)



- Red (27%)
- Yellow (73%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (63%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2581, 38.2456, 11.7865 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 23.2581, 38.2456, 11.7865 by changing the saturation by 10% instead.

■ 23.2581, 38.2456,
11.7865

■ 23.2581, 38.2456,
11.7865

261.5585,
338.6724, 213.9142

■ 14.9059, 26.1734,
6.4777

■ 48.2803, 72.4844,
29.7642

■ 8.8393, 16.9534,
3.0642

■ 65.6811, 95.4198,
43.2702

■ 4.6928, 10.2013,
1.1275

■ 86.8288, 122.7450,
60.3457

■ 2.1010, 5.5326,
0.0000

■ 112.0888,
154.8444, 81.4092

■ 0.6898, 2.5630,
0.0000

■ 141.8264,
192.1025, 106.8793

■ 0.0000, 0.9081,
0.0000

176.4070,

■ 0.0000, 0.0000,

234.9036, 137.1744

0.0000

216.1959,
283.6321, 172.7132

■ 23.2581, 38.2456,
11.7865

■ 23.2581, 38.2456,
11.7865

■ 21.4094, 37.3506,
9.1330

■ 25.5904, 39.3711,
15.4189

■ 20.0060, 36.6649,
7.3610

■ 28.4356, 40.7370,
20.1104

■ 19.0077, 36.1714,
6.3574

■ 31.8235, 42.3581,
25.9357

■ 18.5143, 35.9253,
5.9585

■ 35.7810, 44.2469,
32.9621

■ 40.3332, 46.4148,
41.2515

■ 45.5034, 48.8728,
50.8618

■ 51.3140, 51.6312,
61.8472

■ 57.7860, 54.6996,
74.2588

■ 64.9396, 58.0874,
88.1452

Harmonies

Analogous

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



31.0592, 38.2456, 6.1890



23.2581, 38.2456, 11.7865



19.4286, 38.2456, 27.9423

Triad

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



23.2581, 38.2456, 11.7865



31.1851, 38.2456, 132.5941



60.9682, 38.2456, 27.6369

Complementary

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



23.2581, 38.2456, 11.7865



26.4096, 15.7379, 48.6615

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.



61.0210, 38.2456, 59.2185



23.2581, 38.2456, 11.7865



42.2128, 38.2456, 132.3623

Square

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



23.2581, 38.2456, 11.7865



23.3341, 38.2456, 101.4979



53.6168, 38.2456, 100.9687



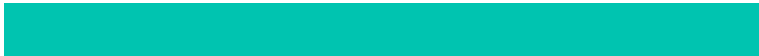
53.4844, 38.2456, 11.6608

Rectangle

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



23.2581, 38.2456, 11.7865



19.0241, 38.2456, 47.4023



53.6168, 38.2456, 100.9687



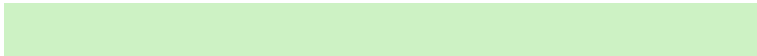
61.8987, 38.2456, 36.3701

Sweetspot

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



23.2590, 38.2472, 11.7873



67.0458, 80.6554, 64.3918



34.7377, 37.3329, 11.0059



14.2665, 17.5243, 13.2787



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.2590, 38.2472, 11.7873



37.2121, 66.3409, 14.8655



22.7448, 37.8152, 19.3047



9.5777, 10.7367, 10.1442



12.8033, 24.7762, 4.1075



0.5543, 0.9977, 0.1634

Inverse Universe

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



26.4096, 15.7379, 48.6615



43.1410, 22.6408, 86.2977



28.2578, 17.0759, 31.3424



9.7428, 9.5998, 12.0117



14.9756, 7.0063, 32.9559



0.6341, 0.2989, 1.2931

Previews

White Background



This preview shows how the XYZ color 23.2581, 38.2456, 11.7865 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 23.2581, 38.2456, 11.7865 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 23.2581, 38.2456, 11.7865

Background



This preview shows how black text looks on a background with the XYZ color 23.2581, 38.2456, 11.7865.



This preview shows how white text looks on a background with the XYZ color 23.2581, 38.2456,

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

23.2581, 38.2456, 11.7865

Protanopia

34.1195, 37.4595, 10.1347

Deuteranopia

38.3340, 37.5014, 12.4258



Tritanopia

31.5855, 37.9789, 53.8100

Trichromacy



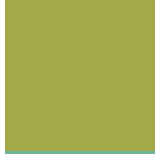
Original Color

23.2581, 38.2456, 11.7865



Protanomaly

28.6602, 36.8481, 10.6029



Deuteranomaly

30.3769, 36.2998, 12.0621



Tritanomaly

27.2943, 37.4103, 32.5704

Monochromacy



Original Color

23.2581, 38.2456, 11.7865



Achromatopsia

26.9133, 28.3149, 30.8349



Achromatomaly

24.3859, 30.8616, 21.5012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2581, 38.2456, 11.7865 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(92, 187, 69)` looks like.

```
.text, #text, p{  
    color:rgb(92, 187, 69)  
}
```

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(92, 187, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 187, 69) }
```

Border

The CSS property to change the border of an element to XYZ 23.2581, 38.2456, 11.7865 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(92, 187, 69) }
```


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

```
.border{ border-color:rgb(92, 187, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 187, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 187, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 187, 69);  
box-shadow:4px 4px 4px 4px rgb(92, 187,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2581, 38.2456, 11.7865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 187, 69) }
```

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

```
.background{ background-color: rgb(92, 187,  
69) }
```

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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