

Converting Colors

XYZ(25.3909, 38.2269, 6.0403)

Have a look what the booklet for
XYZ(25.3909, 38.2269, 6.0403)
contains.

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Color

**XYZ(25.3909, 38.2269,
6.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB700
RGB	125, 183, 0
RGB Percent	49%, 72%, 0%
CMY	0.5098, 0.2823, 0.9999
CMYK	0.32, 0.00, 1.00, 0.28
HSL	79°, 100%, 36%
HSV	79°, 100%, 72%
XYZ	25.3909, 38.2269, 6.0403
YIQ	144.7960, 24.1750, -69.2090

Conversions

Conversions Part 2

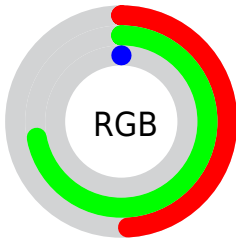
Format	Color
RYB	0, 183, 58
Decimal	8238848
CIELab	68.19, -40.86, 68.87
CIELCh	68, 80.080, 120.677
Yxy	38.2269, 0.3645, 0.5488
Android (android.graphics.Color)	4286428928 (0xFF7DB700)
YUV	144.7960, -71.3844, -17.3611
Hunter-Lab	61.8279, -34.8941, 37.4872

Details

The XYZ color **25.3909, 38.2269, 6.0403** is a dark color, and the websafe version is hex **99CC33**, and the color name is **microsoft green**. A complement of this color would be **10.2942, 4.3197, 45.0931**, and the grayscale version is **27.1063, 28.5180, 31.0561**.

A 20% lighter version of the original color is **51.5331, 72.2281, 18.4331**, and **10.3665, 17.1942, 2.7724** is the 20% darker color. If you saturate the color by 10%, you get **25.3908, 38.2281, 6.0405**, and if you desaturate by 10%, it is **26.3753, 38.7227, 6.6702**.

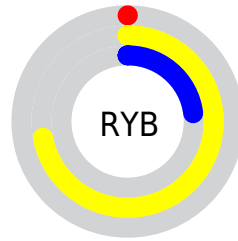
Distribution



Red (49%)

Green (72%)

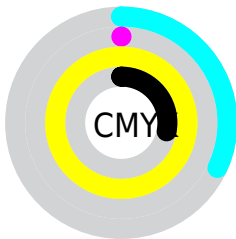
Blue (0%)



Red (0%)

Yellow (72%)

Blue (23%)

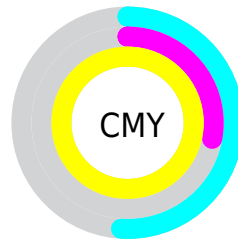


Cyan (32%)

Magenta (0%)

Yellow (100%)

Black (28%)



Cyan (51%)


Magenta (28%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3909, 38.2269, 6.0403 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 25.3909, 38.2269, 6.0403 by changing the saturation by 10% instead.


 25.3909, 38.2269,
6.0403


 25.3909, 38.2269,
6.0403


272.0910,
338.5923, 168.7489


 16.4988, 26.1588,
2.8004


 51.7290, 72.4558,
18.4936


 9.9709, 16.9425,
0.9936


 69.9057, 95.3854,
28.5441

 5.4418, 10.1935,
0.0000


 91.9081, 122.7043,
41.7019

 2.5461, 5.5274,
0.0000

 118.1013,
154.7969, 58.3855

 0.9186, 2.5599,
0.0000

 148.8509,
192.0476, 79.0134

 0.0000, 0.9066,
0.0000

 184.5221,

 0.0000, 0.0000,

234.8409, 104.0043

0.0000

225.4804,
283.5609, 133.7766

■ 25.3909, 38.2269,
6.0403

■ 25.3909, 38.2269,
6.0403

■ 25.3908, 38.2281,
6.0405

■ 26.3753, 38.7227,
6.6702

■ 27.5136, 39.2846,
7.8517

■ 28.8465, 39.9302,
9.7914

■ 30.3939, 40.6675,
12.5895

■ 32.1725, 41.5035,
16.3311

■ 34.1975, 42.4441,
21.0911

■ 36.4822, 43.4949,
26.9367

■ 39.0391, 44.6609,
33.9296

■ 41.8797, 45.9468,
42.1265

Harmonies

Analogous

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



36.0500, 38.2269, 3.7509



25.3909, 38.2269, 6.0403



19.1375, 38.2269, 16.1795

Triad

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



25.3909, 38.2269, 6.0403



25.7806, 38.2269, 135.2098



66.0842, 38.2269, 40.8137

Complementary

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



25.3909, 38.2269, 6.0403



10.2942, 4.3197, 45.0931

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.



61.5999, 38.2269, 85.2964



25.3909, 38.2269, 6.0403



36.6185, 38.2269, 155.4973

Square

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



25.3909, 38.2269, 6.0403



19.3236, 38.2269, 87.5918



50.0397, 38.2269, 133.4318



61.1966, 38.2269, 15.4400

Rectangle

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



25.3909, 38.2269, 6.0403



17.3907, 38.2269, 31.4303



50.0397, 38.2269, 133.4318



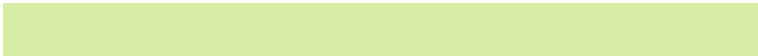
65.6144, 38.2269, 53.8097

Sweetspot

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



25.3918, 38.2286, 6.0411



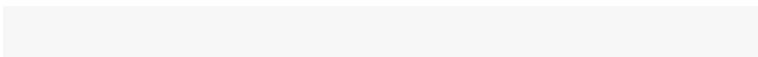
65.1173, 77.7949, 47.6627



21.0408, 13.0903, 1.4183



13.9920, 17.0033, 9.5110



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.3918, 38.2286, 6.0411



45.2230, 68.3341, 10.8063



17.5799, 34.2014, 5.6755



9.4658, 10.3568, 9.6071



17.7858, 26.7052, 4.2172



0.6881, 0.9729, 0.1515

Inverse Universe

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



10.2942, 4.3197, 45.0931



18.2233, 7.6261, 80.7472



21.0258, 9.8521, 45.5954



8.7819, 8.8539, 11.3256



7.2442, 3.0457, 31.4591



0.3215, 0.1415, 1.1121

Previews

White Background



This preview shows how the XYZ color 25.3909, 38.2269, 6.0403 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 25.3909, 38.2269, 6.0403 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 25.3909, 38.2269, 6.0403

Background



This preview shows how black text looks on a background with the XYZ color 25.3909, 38.2269, 6.0403.



This preview shows how white text looks on a background with the XYZ color 25.3909, 38.2269,

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

25.3909, 38.2269, 6.0403

Protanopia

34.1297, 37.8372, 5.5045

Deuteranopia

38.6548, 37.7906, 6.8471



Tritanopia

34.3541, 38.0498, 50.8811

Trichromacy



Original Color

25.3909, 38.2269, 6.0403

Protanomaly

30.0624, 37.3976, 5.6340

Deuteranomaly

32.1411, 36.7953, 6.1672

Tritanomaly

28.6942, 37.1785, 22.4935

Monochromacy



Original Color

25.3909, 38.2269, 6.0403

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

24.8111, 30.9723, 14.7958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3909, 38.2269, 6.0403 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(125, 183, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 183, 0)  
}
```

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(125, 183, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 183, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.3909, 38.2269, 6.0403 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(125, 183, 0) }
```


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

```
.border{ border-color:rgb(125, 183, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 183, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 183, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 183, 0);  
box-shadow:4px 4px 4px 4px rgb(125, 183,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3909, 38.2269, 6.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 183, 0) }
```

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

```
.background{ background-color: rgb(125,  
183, 0) }
```

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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