

Converting Colors

XYZ(24.6084, 38.4608, 6.6963)

Have a look what the booklet for
XYZ(24.6084, 38.4608, 6.6963)
contains.

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Color

**XYZ(24.5284, 38.3864,
6.6888)**

Conversions

Conversions Part 1

Format	Color
Hex	73B912
RGB	115, 185, 18
RGB Percent	45%, 73%, 7%
CMY	0.5490, 0.2745, 0.9294
CMYK	0.38, 0.00, 0.90, 0.27
HSL	85°, 82%, 40%
HSV	85°, 90%, 73%
XYZ	24.5284, 38.3864, 6.6888
YIQ	145.0320, 11.8870, -66.7770

Conversions

Conversions Part 2

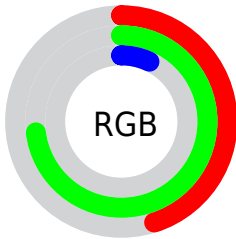
Format	Color
RYB	18, 185, 88
Decimal	7584018
CIELab	68.30, -45.05, 66.44
CIElCh	68, 80.271, 124.140
Yxy	38.3864, 0.3524, 0.5515
Android (android.graphics.Color)	4285774098 (0xFF73B912)
YUV	145.0320, -62.6268, -26.3381
Hunter-Lab	61.9568, -37.7570, 36.9688

Details

The XYZ color **24.5284, 38.3864, 6.6888** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **13.0000, 6.0115, 46.3762**, and the grayscale version is **27.1714, 28.5864, 31.1306**.

A 20% lighter version of the original color is **50.3656, 72.9150, 19.8070**, and **9.8036, 17.1025, 2.7844** is the 20% darker color. If you saturate the color by 10%, you get **23.4673, 37.8532, 6.0695**, and if you desaturate by 10%, it is **25.8095, 39.0230, 7.8823**.

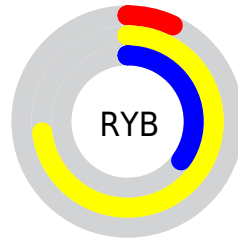
Distribution



Red (45%)

Green (73%)

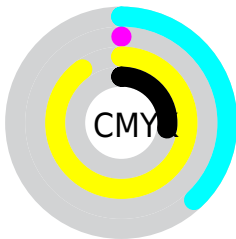
Blue (7%)



Red (7%)

Yellow (73%)

Blue (35%)

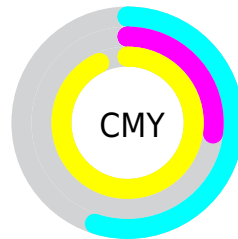


Cyan (38%)

Magenta (0%)

Yellow (90%)

Black (27%)



Cyan (55%)


Magenta (27%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5284, 38.3864, 6.6888 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 24.5284, 38.3864, 6.6888 by changing the saturation by 10% instead.


 24.5284, 38.3864,
6.6888


 24.5284, 38.3864,
6.6888


267.8723,
339.2746, 174.5839


 15.8529, 26.2827,
3.1928


 50.3395, 72.7000,
19.8465


 9.5103, 17.0353,
1.1939


 68.2059, 95.6787,
30.3452

 5.1353, 10.2596,
0.0000


 89.8666, 123.0512,
44.0152

 2.3624, 5.5714,
0.0000

 115.6869,
155.2019, 61.2751

 0.8263, 2.5863,
0.0000

 146.0323,
192.5152, 82.5433

 0.0000, 0.9198,
0.0000

 181.2681,

 0.0000, 0.0000,

235.3755, 108.2385

0.0000

221.7596,
284.1672, 138.7792

■ 24.5284, 38.3864,
6.6888

■ 24.5284, 38.3864,
6.6888

■ 23.4673, 37.8532,
6.0695

■ 25.8095, 39.0230,
7.8823

■ 27.3242, 39.7618,
9.8508

■ 29.0949, 40.6134,
12.6988

■ 31.1401, 41.5855,
16.5141

■ 33.4765, 42.6848,
21.3738

■ 36.1188, 43.9175,
27.3474

■ 39.0809, 45.2893,
34.4983

■ 42.3756, 46.8056,
42.8850

■ 46.0150, 48.4713,
52.5623

Harmonies

Analogous

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



34.7673, 38.3864, 3.7882



24.5284, 38.3864, 6.6888



18.7660, 38.3864, 18.2842

Triad

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



24.5284, 38.3864, 6.6888



26.9225, 38.3864, 140.2029



66.3040, 38.3864, 36.9938

Complementary

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



24.5284, 38.3864, 6.6888



13.0000, 6.0115, 46.3762

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.



62.8540, 38.3864, 79.8588



24.5284, 38.3864, 6.6888



38.2586, 38.3864, 155.8873

Square

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



24.5284, 38.3864, 6.6888



19.9091, 38.3864, 93.9469



51.8063, 38.3864, 129.2964



60.3788, 38.3864, 13.7346

Rectangle

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



24.5284, 38.3864, 6.6888



17.3311, 38.3864, 35.1175



51.8063, 38.3864, 129.2964



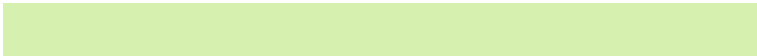
66.2099, 38.3864, 49.2723

Sweetspot

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



24.5293, 38.3881, 6.6896



66.1236, 79.3199, 52.3728



23.5742, 17.2712, 2.6640



13.8849, 16.9279, 10.4185



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.



24.5293, 38.3881, 6.6896



41.7554, 67.6513, 10.8573



18.0525, 35.0492, 6.3865



9.3765, 10.3107, 9.6029



16.0629, 25.8170, 4.1366



0.6351, 0.9456, 0.1490

Inverse Universe

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



13.0000, 6.0115, 46.3762



20.9929, 9.0105, 82.8374



25.7876, 12.6038, 46.9747



8.8683, 8.8985, 11.3296



8.1565, 3.5160, 31.5018



0.3585, 0.1605, 1.1138

Previews

White Background



This preview shows how the XYZ color 24.5284, 38.3864, 6.6888 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 24.5284, 38.3864, 6.6888 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 24.5284, 38.3864, 6.6888

Background



This preview shows how black text looks on a background with the XYZ color 24.5284, 38.3864, 6.6888.



This preview shows how white text looks on a background with the XYZ color 24.5284, 38.3864,

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

24.5284, 38.3864, 6.6888

Protanopia

34.1736, 37.8548, 5.7353

Deuteranopia

38.4524, 37.6770, 7.2532



Tritanopia

33.6071, 38.2011, 52.0566

Trichromacy



Original Color

24.5284, 38.3864, 6.6888

Protanomaly

29.7079, 37.4908, 6.0185

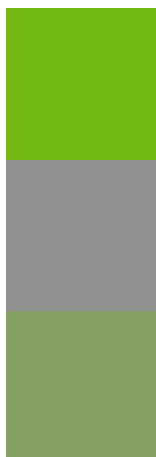
Deuteranomaly

31.5350, 36.7404, 6.7960

Tritanomaly

28.3259, 37.5141, 25.1501

Monochromacy



Original Color

24.5284, 38.3864, 6.6888

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

24.6545, 31.1108, 16.5099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5284, 38.3864, 6.6888 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(115, 185, 18)` looks like.

```
.text, #text, p{  
    color:rgb(115, 185, 18)  
}
```

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(115, 185, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 185, 18) }
```

Border

The CSS property to change the border of an element to XYZ 24.5284, 38.3864, 6.6888 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(115, 185, 18) }
```


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

```
.border{ border-color:rgb(115, 185, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 185, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 185, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 185, 18);  
box-shadow:4px 4px 4px 4px rgb(115, 185,  
18) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5284, 38.3864, 6.6888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 185, 18) }
```

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

```
.background{ background-color: rgb(115,  
185, 18) }
```

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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