

Converting Colors

XYZ(25.5060, 39.7256, 8.7064)

Have a look what the booklet for
XYZ(25.5060, 39.7256, 8.7064)
contains.

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Color

**XYZ(25.5081, 39.7931,
8.7193)**

Conversions

Conversions Part 1

Format	Color
Hex	73BC2C
RGB	115, 188, 44
RGB Percent	45%, 74%, 17%
CMY	0.5490, 0.2627, 0.8274
CMYK	0.39, 0.00, 0.77, 0.26
HSL	90°, 62%, 45%
HSV	90°, 77%, 74%
XYZ	25.5081, 39.7931, 8.7193
YIQ	149.7570, 2.7160, -60.2600

Conversions

Conversions Part 2

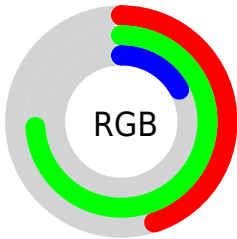
Format	Color
RYB	44, 188, 117
Decimal	7584812
CIELab	69.32, -45.25, 60.90
CIElCh	69, 75.873, 126.614
Yxy	39.7931, 0.3446, 0.5376
Android (android.graphics.Color)	4285774892 (0xFF73BC2C)
YUV	149.7570, -52.1382, -30.4819
Hunter-Lab	63.0818, -38.2138, 35.9620

Details

The XYZ color **25.5081, 39.7931, 8.7193** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **17.3158, 9.2154, 48.4452**, and the grayscale version is **29.1007, 30.6162, 33.3411**.

A 20% lighter version of the original color is **52.0146, 75.0151, 24.0498**, and **10.2124, 17.9201, 2.9207** is the 20% darker color. If you saturate the color by 10%, you get **24.0427, 39.0709, 7.2056**, and if you desaturate by 10%, it is **27.2651, 40.6496, 11.0834**.

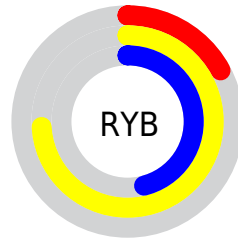
Distribution



Red (45%)

Green (74%)

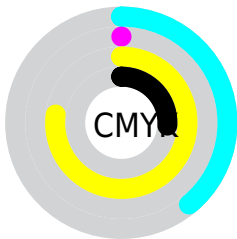
Blue (17%)



Red (17%)

Yellow (74%)

Blue (46%)

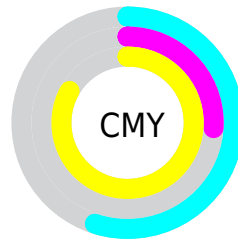


Cyan (39%)

Magenta (0%)

Yellow (77%)

Black (26%)



Cyan (55%)


Magenta (26%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5081, 39.7931, 8.7193 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 25.5081, 39.7931, 8.7193 by changing the saturation by 10% instead.


 25.5081, 39.7931,
8.7193


 25.5081, 39.7931,
8.7193


272.6601,
345.2507, 191.4102


 16.5868, 27.3773,
4.4642


 51.9173, 74.8484,
23.9260

 10.0338, 17.8568,
1.8833


 70.1359, 98.2566,
35.7147


 5.4838, 10.8472,
0.4821


 92.1842, 126.0977,
50.8517

 2.5715, 5.9642,
0.0000

 118.4277,
158.7561, 69.7556

 0.9314, 2.8233,
0.0000

 149.2317,
196.6162, 92.8448

 0.0000, 1.0402,
0.0000

 184.9615,

 0.0000, 0.0000,

240.0624, 120.5380

0.0000

225.9825,
289.4792, 153.2536

■ 25.5081, 39.7931,
8.7193

■ 25.5081, 39.7931,
8.7193

■ 24.0427, 39.0709,
7.2056

■ 27.2651, 40.6496,
11.0834

■ 22.8364, 38.4655,
6.4049

■ 29.3337, 41.6448,
14.3966

■ 22.4669, 38.2791,
6.2045

■ 31.7349, 42.7889,
18.7466

■ 34.4869, 44.0895,
24.2107

■ 37.6062, 45.5537,
30.8584

■ 41.1081, 47.1879,
38.7541

■ 45.0071, 48.9982,
47.9571

■ 49.3167, 50.9905,
58.5230

■ 54.0499, 53.1702,
70.5044

Harmonies

Analogous

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



35.1895, 39.7931, 5.0250



25.5081, 39.7931, 8.7193



20.1481, 39.7931, 21.7935

Triad

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



25.5081, 39.7931, 8.7193



29.2707, 39.7931, 138.5881



66.1660, 39.7931, 36.0559

Complementary

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



25.5081, 39.7931, 8.7193



17.3158, 9.2154, 48.4452

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.



63.6333, 39.7931, 75.7576



25.5081, 39.7931, 8.7193



40.5829, 39.7931, 149.8683

Square

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



25.5081, 39.7931, 8.7193



21.9723, 39.7931, 96.8735



53.5720, 39.7931, 122.4919



59.8950, 39.7931, 14.3819

Rectangle

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



25.5081, 39.7931, 8.7193



18.9364, 39.7931, 39.4876



53.5720, 39.7931, 122.4919



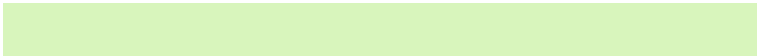
66.3330, 39.7931, 47.4095

Sweetspot

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



25.5090, 39.7948, 8.7202



70.1170, 83.4740, 60.2743



27.4407, 23.3657, 5.4472



14.6041, 17.7290, 11.9127



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.



25.5090, 39.7948, 8.7202



42.0159, 70.0279, 11.9448



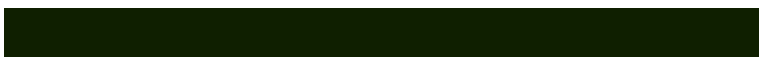
19.4777, 36.6856, 8.4379



9.8446, 10.8743, 10.1567



15.3815, 26.1053, 4.2281



0.6780, 1.0615, 0.1692

Inverse Universe

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



17.3158, 9.2154, 48.4452



26.4876, 12.1150, 87.1686



30.7184, 16.1247, 49.0725



9.4651, 9.4566, 11.9987



9.5014, 4.1842, 32.6998



0.4476, 0.2028, 1.2844

Previews

White Background



This preview shows how the XYZ color 25.5081, 39.7931, 8.7193 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 25.5081, 39.7931, 8.7193 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 25.5081, 39.7931, 8.7193

Background



This preview shows how black text looks on a background with the XYZ color 25.5081, 39.7931, 8.7193.



This preview shows how white text looks on a background with the XYZ color 25.5081, 39.7931,

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

25.5081, 39.7931, 8.7193

Protanopia

35.5404, 39.3412, 7.6399

Deuteranopia

40.1486, 39.2760, 9.2064



Tritanopia

34.5070, 39.4850, 53.9468

Trichromacy



Original Color

25.5081, 39.7931, 8.7193

Protanomaly

30.8259, 38.8921, 7.9801

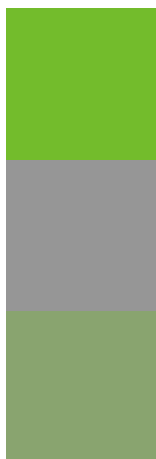
Deuteranomaly

32.8991, 38.2275, 8.8935

Tritanomaly

29.6673, 39.0093, 29.2585

Monochromacy



Original Color

25.5081, 39.7931, 8.7193

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

26.4612, 33.0170, 20.0172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5081, 39.7931, 8.7193 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, 188, 44)` looks like.

```
.text, #text, p{  
    color:rgb(115, 188, 44)  
}
```

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, 188, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 188, 44) }
```

Border

The CSS property to change the border of an element to XYZ 25.5081, 39.7931, 8.7193 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, 188, 44) }
```


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

```
.border{ border-color:rgb(115, 188, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 188, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 188, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 188, 44);  
box-shadow:4px 4px 4px 4px rgb(115, 188,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5081, 39.7931, 8.7193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 188, 44) }
```

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

```
.background{ background-color: rgb(115,  
188, 44) }
```

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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