

Converting Colors

XYZ(39.4978, 39.1339, 8.0463)

Have a look what the booklet for
XYZ(39.4978, 39.1339, 8.0463)
contains.

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Color

**XYZ(39.5325, 39.2423,
8.0757)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A12E
RGB	209, 161, 46
RGB Percent	82%, 63%, 18%
CMY	0.1804, 0.3686, 0.8196
CMYK	0.00, 0.23, 0.78, 0.18
HSL	42°, 64%, 50%
HSV	42°, 78%, 82%
XYZ	39.5325, 39.2423, 8.0757
YIQ	162.2420, 65.5230, -25.5890

Conversions

Conversions Part 2

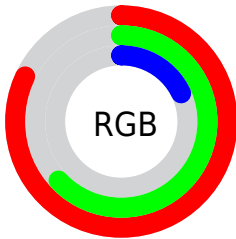
Format	Color
RYB	114, 209, 46
Decimal	13738286
CIELab	68.93, 7.17, 62.39
CIELCh	69, 62.805, 83.448
Yxy	39.2423, 0.4552, 0.4518
Android (android.graphics.Color)	4291928366 (0xFFD1A12E)
YUV	162.2420, -57.3073, 41.0068
Hunter-Lab	62.6437, 3.0194, 36.2072

Details

The XYZ color **39.5325, 39.2423, 8.0757** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **16.6379, 13.1894, 61.9900**, and the grayscale version is **34.6961, 36.5030, 39.7518**.

A 20% lighter version of the original color is **68.1448, 71.3113, 22.4848**, and **18.1536, 17.6359, 2.4473** is the 20% darker color. If you saturate the color by 10%, you get **38.1676, 37.0192, 6.0594**, and if you desaturate by 10%, it is **41.1525, 41.6553, 11.1664**.

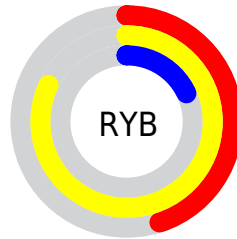
Distribution



Red (82%)

Green (63%)

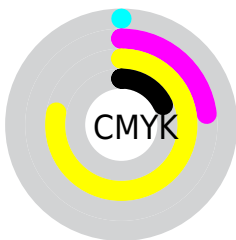
Blue (18%)



Red (45%)

Yellow (82%)

Blue (18%)

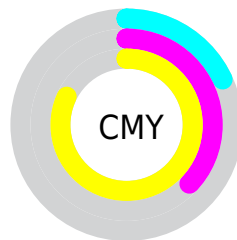


Cyan (0%)

Magenta (23%)

Yellow (78%)

Black (18%)



Cyan (18%)


Magenta (37%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5325, 39.2423, 8.0757 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 39.5325, 39.2423, 8.0757 by changing the saturation by 10% instead.


 39.5325, 39.2423,
8.0757


 39.5325, 39.2423,
8.0757


335.3175,
342.9195, 186.2813


 27.3568, 26.9483,
4.0550


 73.7400, 74.0083,
22.6553


 17.9794, 17.5344,
1.6555


 96.5025, 97.2491,
34.0513


 11.0348, 10.6162,
0.3300


 123.5246,
124.9076, 48.7428

 6.1577, 5.8094,
0.0000

 155.1718,
157.3682, 67.1482

 2.9828, 2.7295,
0.0000

 191.8093,
195.0153, 89.6863

 1.1447, 0.9922,
0.0000

 233.8025,

 0.0620, 0.0000,

238.2333, 116.7755

0.0000

281.5168,
287.4066, 148.8343

■ 0.0000, 0.0000,
0.0000

■ 39.5325, 39.2423,
8.0757

■ 39.5325, 39.2423,
8.0757

■ 38.1676, 37.0192,
6.0594

■ 41.1525, 41.6553,
11.1664

■ 37.0170, 34.9638,
4.9184

■ 43.0514, 44.2641,
15.4648

■ 36.7997, 34.5660,
4.7323

■ 45.2527, 47.0809,
21.0870

■ 47.7763, 50.1148,
28.1350

■ 50.6404, 53.3742,
36.7006

■ 53.8615, 56.8668,
46.8678

■ 57.4551, 60.5998,
58.7145

■ 61.4356, 64.5801,
72.3136

■ 65.8167, 68.8141,
87.7335

Harmonies

Analogous

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



49.9401, 39.2423, 12.0315



39.5325, 39.2423, 8.0757



30.1693, 39.2423, 9.5324

Triad

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



39.5325, 39.2423, 8.0757



22.3129, 39.2423, 68.5520



54.9436, 39.2423, 84.5493

Complementary

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



39.5325, 39.2423, 8.0757



16.6379, 13.1894, 61.9900

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.



45.4710, 39.2423, 115.6213



39.5325, 39.2423, 8.0757



26.9937, 39.2423, 103.8610

Square

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



39.5325, 39.2423, 8.0757



21.2924, 39.2423, 36.7563



35.1505, 39.2423, 123.9315



59.8066, 39.2423, 49.3143

Rectangle

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



39.5325, 39.2423, 8.0757



25.5929, 39.2423, 13.9514



35.1505, 39.2423, 123.9315



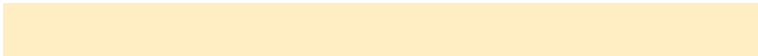
52.1197, 39.2423, 96.3647

Sweetspot

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



39.5334, 39.2442, 8.0765



81.7399, 86.2538, 64.7742



29.3326, 16.3340, 12.4101



17.1100, 18.0396, 12.6596



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.



39.5334, 39.2442, 8.0765



58.5564, 55.7514, 8.1381



41.2887, 55.0747, 11.0395



12.4972, 13.1851, 12.4984



22.7788, 21.4907, 2.9475



1.3406, 1.3356, 0.1871

Inverse Universe

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



16.6379, 13.1894, 61.9900



21.5701, 13.9604, 96.1655



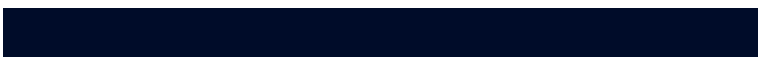
15.6772, 8.2030, 61.0782



11.4433, 11.9769, 14.9523



8.2176, 5.0817, 37.7403



0.5284, 0.4220, 2.1332

Previews

White Background



This preview shows how the XYZ color 39.5325, 39.2423, 8.0757 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 39.5325, 39.2423, 8.0757 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 39.5325, 39.2423, 8.0757

Background



This preview shows how black text looks on a background with the XYZ color 39.5325, 39.2423, 8.0757.



This preview shows how white text looks on a background with the XYZ color 39.5325, 39.2423,

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

39.5325, 39.2423, 8.0757

Protanopia

35.7077, 39.4082, 8.5208

Deuteranopia

40.2153, 39.3359, 8.0578



Tritanopia

46.0432, 39.1730, 39.3168

Trichromacy



Original Color

39.5325, 39.2423, 8.0757

Protanomaly

36.9143, 39.2134, 8.3127

Deuteranomaly

39.9279, 39.1878, 8.0443

Tritanomaly

42.6773, 38.7634, 23.0020

Monochromacy



Original Color

39.5325, 39.2423, 8.0757

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9009, 36.7804, 23.0292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5325, 39.2423, 8.0757 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(209, 161, 46)` looks like.

```
.text, #text, p{  
    color:rgb(209, 161, 46)  
}
```

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(209, 161, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 161, 46) }
```

Border

The CSS property to change the border of an element to XYZ 39.5325, 39.2423, 8.0757 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(209, 161, 46) }
```


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

```
.border{ border-color:rgb(209, 161, 46) }
```

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

Here you see how a box with a 4 pixel rgb(209, 161, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 161, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 161, 46);  
box-shadow:4px 4px 4px 4px rgb(209, 161,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5325, 39.2423, 8.0757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 161, 46) }
```

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

```
.background{ background-color: rgb(209,  
161, 46) }
```

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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