

Converting Colors

XYZ(39.9479, 39.1957, 8.1494)

Have a look what the booklet for
XYZ(39.9479, 39.1957, 8.1494)
contains.

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Color

**XYZ(39.9479, 39.1957,
8.1494)**

Conversions

Conversions Part 1

Format	Color
Hex	D3A02F
RGB	211, 160, 47
RGB Percent	83%, 63%, 18%
CMY	0.1726, 0.3725, 0.8157
CMYK	0.00, 0.24, 0.78, 0.17
HSL	41°, 65%, 51%
HSV	41°, 78%, 83%
XYZ	39.9479, 39.1957, 8.1494
YIQ	162.3670, 66.6690, -24.3310

Conversions

Conversions Part 2

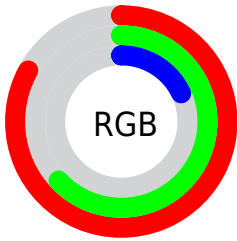
Format	Color
R _{YB}	121, 211, 47
Decimal	13869103
CIE _{Lab}	68.89, 8.61, 62.08
CIE _{LCh}	69, 62.676, 82.100
Yxy	39.1957, 0.4576, 0.4490
Android (android.graphics.Color)	4292059183 (0xFFD3A02F)
YUV	162.3670, -56.8759, 42.6511
Hunter-Lab	62.6065, 4.3359, 36.1068

Details

The XYZ color **39.9479, 39.1957, 8.1494** 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 **17.2978, 14.0426, 63.4265**, and the grayscale version is **34.7527, 36.5625, 39.8166**.

A 20% lighter version of the original color is **67.6848, 70.3124, 22.5747**, and **18.4175, 17.6127, 2.4289** is the 20% darker color. If you saturate the color by 10%, you get **38.5134, 36.8513, 6.0548**, and if you desaturate by 10%, it is **41.6499, 41.7463, 11.3482**.

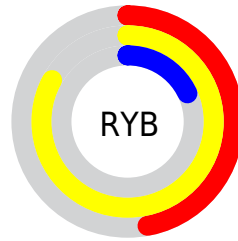
Distribution



Red (83%)

Green (63%)

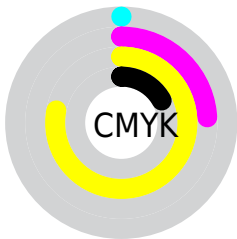
Blue (18%)



Red (47%)

Yellow (83%)

Blue (18%)

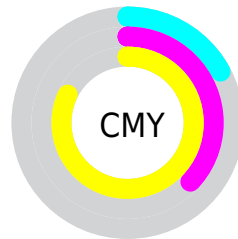


Cyan (0%)

Magenta (24%)

Yellow (78%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9479, 39.1957, 8.1494 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 39.9479, 39.1957, 8.1494 by changing the saturation by 10% instead.


 39.9479, 39.1957,
8.1494


 39.9479, 39.1957,
8.1494


337.0421,
342.7218, 186.8773


 27.6820, 26.9120,
4.1016


 74.3690, 73.9372,
22.8018

 18.2253, 17.5071,
1.6812


 97.2549, 97.1638,
34.2434


 11.2125, 10.5967,
0.3478


 124.4115,
124.8068, 48.9867

 6.2783, 5.7964,
0.0000

 156.2041,
157.2506, 67.4503

 3.0573, 2.7217,
0.0000

 192.9981,
194.8796, 90.0525

 1.1841, 0.9882,
0.0000

 235.1589,

 0.0938, 0.0000,

238.0782, 117.2121

0.0000

283.0518,
287.2308, 149.3475

■ 0.0000, 0.0000,
0.0000

■ 39.9479, 39.1957,
8.1494

■ 39.9479, 39.1957,
8.1494

■ 38.5134, 36.8513,
6.0548

■ 41.6499, 41.7463,
11.3482

■ 37.3058, 34.6906,
4.8677

■ 43.6436, 44.5096,
15.7872

■ 37.0489, 34.2189,
4.6522

■ 45.9534, 47.4981,
21.5849

■ 48.5995, 50.7215,
28.8454

■ 51.6008, 54.1886,
37.6625

■ 54.9743, 57.9074,
48.1221

■ 58.7358, 61.8857,
60.3039

■ 62.9002, 66.1306,
74.2823

■ 67.4816, 70.6491,
90.1272

Harmonies

Analogous

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



50.2945, 39.1957, 12.3872



39.9479, 39.1957, 8.1494



30.5063, 39.1957, 9.3688

Triad

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



39.9479, 39.1957, 8.1494



22.1834, 39.1957, 66.8056



54.4938, 39.1957, 85.9915

Complementary

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



39.9479, 39.1957, 8.1494



17.2978, 14.0426, 63.4265

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.



44.9307, 39.1957, 116.2939



39.9479, 39.1957, 8.1494



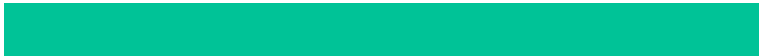
26.6888, 39.1957, 102.2038

Square

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



39.9479, 39.1957, 8.1494



21.3277, 39.1957, 35.5769



34.6847, 39.1957, 123.2725



59.6151, 39.1957, 50.6650

Rectangle

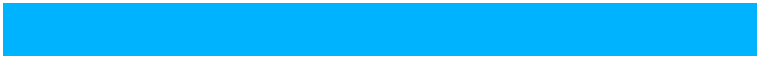
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.9479, 39.1957, 8.1494



25.8375, 39.1957, 13.5543



34.6847, 39.1957, 123.2725



51.6188, 39.1957, 97.6500

Sweetspot

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



39.9488, 39.1976, 8.1502



81.4593, 85.6927, 64.6806



30.1296, 16.7818, 13.4396



17.0416, 17.9027, 12.6368



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.



39.9488, 39.1976, 8.1502



57.9245, 54.4563, 8.0240



42.8479, 56.6093, 11.3582



12.4804, 13.1515, 12.4927



22.4540, 20.8411, 2.8393



1.3244, 1.3032, 0.1817

Inverse Universe

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



17.2978, 14.0426, 63.4265



22.0885, 14.9308, 96.3255



15.8407, 8.3172, 62.3982



11.4593, 12.0089, 14.9576



8.3388, 5.3241, 37.7806



0.5367, 0.4386, 2.1359

Previews

White Background



This preview shows how the XYZ color 39.9479, 39.1957, 8.1494 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 39.9479, 39.1957, 8.1494 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 39.9479, 39.1957, 8.1494

Background



This preview shows how black text looks on a background with the XYZ color 39.9479, 39.1957, 8.1494.



This preview shows how white text looks on a background with the XYZ color 39.9479, 39.1957,

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

39.9479, 39.1957, 8.1494

Protanopia

35.7286, 39.4165, 8.6308

Deuteranopia

39.9479, 39.1957, 8.1494



Tritanopia

46.0939, 38.9735, 38.8114

Trichromacy



Original Color

39.9479, 39.1957, 8.1494

Protanomaly

37.1957, 39.3562, 8.4324

Deuteranomaly

39.9479, 39.1957, 8.1494

Tritanomaly

42.8057, 38.5856, 22.9610

Monochromacy



Original Color

39.9479, 39.1957, 8.1494

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.9574, 36.5491, 22.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9479, 39.1957, 8.1494 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(211, 160, 47)` looks like.

```
.text, #text, p{  
    color:rgb(211, 160, 47)  
}
```

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(211, 160, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 160, 47) }
```

Border

The CSS property to change the border of an element to XYZ 39.9479, 39.1957, 8.1494 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(211, 160, 47) }
```


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

```
.border{ border-color:rgb(211, 160, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 160, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 160, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 160, 47);  
box-shadow:4px 4px 4px 4px rgb(211, 160,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9479, 39.1957, 8.1494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 160, 47) }
```

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

```
.background{ background-color: rgb(211,  
160, 47) }
```

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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