

Converting Colors

XYZ(43.1117, 39.9232, 18.4386)

Have a look what the booklet for
XYZ(43.1117, 39.9232, 18.4386)
contains.

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Color

**XYZ(43.1709, 39.8651,
18.5161)**

Conversions

Conversions Part 1

Format	Color
Hex	D99D68
RGB	217, 157, 104
RGB Percent	85%, 62%, 41%
CMY	0.1490, 0.3843, 0.5921
CMYK	0.00, 0.28, 0.52, 0.15
HSL	28°, 60%, 63%
HSV	28°, 52%, 85%
XYZ	43.1709, 39.8651, 18.5161
YIQ	168.8980, 52.7730, -3.7630

Conversions

Conversions Part 2

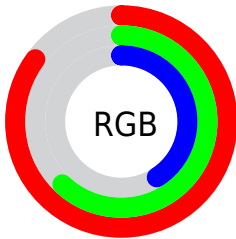
Format	Color
RYB	217, 204, 104
Decimal	14261608
CIELab	69.37, 16.36, 36.39
CIELCh	69, 39.897, 65.798
Yxy	39.8651, 0.4251, 0.3926
Android (android.graphics.Color)	4292451688 (0xFFD99D68)
YUV	168.8980, -31.9947, 42.1855
Hunter-Lab	63.1388, 11.5557, 26.8098

Details

The XYZ color **43.1709, 39.8651, 18.5161** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5081, 34.5022, 70.6443**, and the grayscale version is **37.7974, 39.7658, 43.3050**.

A 20% lighter version of the original color is **70.7842, 70.7473, 41.3773**, and **20.1417, 17.9548, 6.0185** is the 20% darker color. If you saturate the color by 10%, you get **40.3493, 35.7647, 12.8196**, and if you desaturate by 10%, it is **46.4619, 44.4505, 25.7689**.

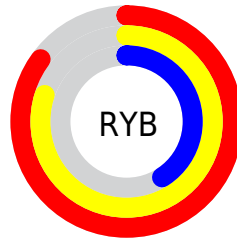
Distribution



Red (85%)

Green (62%)

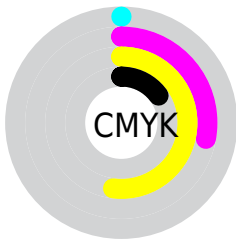
Blue (41%)



Red (85%)

Yellow (80%)

Blue (41%)

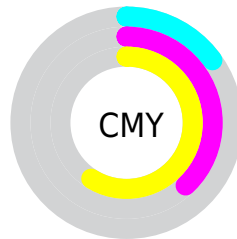


Cyan (0%)

Magenta (28%)

Yellow (52%)

Black (15%)



Cyan (15%)


Magenta (38%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1709, 39.8651, 18.5161 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 43.1709, 39.8651, 18.5161 by changing the saturation by 10% instead.


 43.1709, 39.8651,
18.5161


 43.1709, 39.8651,
18.5161


350.2237,
345.5547, 256.0973


 30.2143, 27.4334,
11.1479


 79.2228, 74.9580,
41.7406


 20.1502, 17.8990,
6.0510


 103.0488, 98.3881,
58.4339

 12.6132, 10.8775,
2.8068


 131.2287,
126.2530, 79.0727

 7.2379, 5.9845,
0.9969

 164.1279,
158.9372, 104.0754

 3.6590, 2.8357,
0.0000

202.1116,
196.8250, 133.8607

 1.5111, 1.0465,
0.0000

245.5452,

 0.3333, 0.0000,

240.3010, 168.8471

0.0000

294.7942,
289.7494, 209.4531

■ 0.0000, 0.0000,
0.0000

■ 43.1709, 39.8651,
18.5161

■ 43.1709, 39.8651,
18.5161

■ 40.3493, 35.7647,
12.8196

■ 46.4619, 44.4505,
25.7689

■ 37.9668, 32.1244,
8.5584

■ 50.2441, 49.5328,
34.6819

■ 35.9937, 28.9254,
5.5970

■ 54.5413, 55.1304,
45.3527

■ 34.3938, 26.1444,
3.7723

■ 59.3746, 61.2590,
57.8706

■ 33.3457, 24.2128,
2.9160

■ 64.7638, 67.9337,
72.3187

■ 70.7278, 75.1686,
88.7750

■ 77.1389, 82.9193,
106.5471

■ 80.5949, 89.8311,
107.6991

■ 82.4251, 93.4916,
108.3092

Harmonies

Analogous

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



48.7914, 39.8651, 25.8612



43.1709, 39.8651, 18.5161



36.6592, 39.8651, 16.9093

Triad

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



43.1709, 39.8651, 18.5161



26.9044, 39.8651, 47.0703



45.5662, 39.8651, 78.7890

Complementary

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



43.1709, 39.8651, 18.5161



31.5081, 34.5022, 70.6443

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.



39.1492, 39.8651, 88.8418



43.1709, 39.8651, 18.5161



28.7478, 39.8651, 67.4978

Square

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



43.1709, 39.8651, 18.5161



27.7246, 39.8651, 30.4849



33.0594, 39.8651, 84.2145



50.2798, 39.8651, 59.5435

Rectangle

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



43.1709, 39.8651, 18.5161



32.7762, 39.8651, 18.7525



33.0594, 39.8651, 84.2145



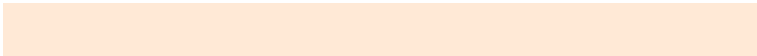
43.5111, 39.8651, 83.5700

Sweetspot

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



43.1719, 39.8670, 18.5169



82.6379, 84.5947, 75.7253



40.2906, 27.3426, 38.4027



17.3786, 17.7144, 15.4077



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.



43.1719, 39.8670, 18.5169



57.9673, 51.2697, 18.1257



54.9668, 63.4569, 22.4485



13.5571, 14.0535, 13.7236



20.2897, 14.8650, 1.7998



1.4002, 1.1346, 0.1452

Inverse Universe

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



31.5081, 34.5022, 70.6443



39.4604, 42.7386, 100.7773



23.5716, 18.6292, 67.9988



12.9082, 13.7561, 16.6270



11.4142, 10.6979, 41.2017



0.8255, 0.8651, 2.6979

Previews

White Background



This preview shows how the XYZ color 43.1709, 39.8651, 18.5161 looks on a white background.

Color Contrast Check

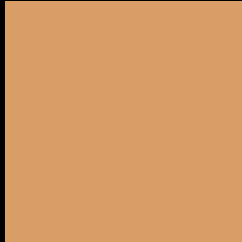
Large Text (above 18pt) WCAG AA × Fail

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 43.1709, 39.8651, 18.5161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

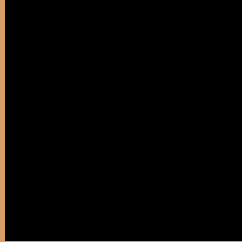
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1709, 39.8651, 18.5161

Background



This preview shows how black text looks on a background with the XYZ color 43.1709, 39.8651, 18.5161.



This preview shows how white text looks on a background with the XYZ color 43.1709, 39.8651,

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

43.1709, 39.8651, 18.5161

Protanopia

37.1426, 40.1679, 20.2635

Deuteranopia

40.8221, 39.9417, 18.3899



Tritanopia

47.4636, 39.9155, 38.9211

Trichromacy



Original Color

43.1709, 39.8651, 18.5161

Protanomaly

39.1349, 39.8421, 19.5376

Deuteranomaly

41.5973, 39.8225, 18.3261

Tritanomaly

45.6401, 39.8916, 30.1053

Monochromacy



Original Color

43.1709, 39.8651, 18.5161

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.8157, 39.3937, 32.3460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1709, 39.8651, 18.5161 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(217, 157, 104)` looks like.

```
.text, #text, p{  
    color:rgb(217, 157, 104)  
}
```

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(217, 157, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 157, 104) }
```

Border

The CSS property to change the border of an element to XYZ 43.1709, 39.8651, 18.5161 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(217, 157, 104) }
```


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

```
.border{ border-color:rgb(217, 157, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 157, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 157, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 157, 104);  
box-shadow:4px 4px 4px 4px rgb(217, 157,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1709, 39.8651, 18.5161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 157, 104) }
```

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

```
.background{ background-color: rgb(217,  
157, 104) }
```

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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