

Converting Colors

XYZ(43.1158, 39.2842, 19.9485)

Have a look what the booklet for
XYZ(43.1158, 39.2842, 19.9485)
contains.

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Color

**XYZ(43.1511, 39.3202,
20.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	D99B6E
RGB	217, 155, 110
RGB Percent	85%, 61%, 43%
CMY	0.1490, 0.3921, 0.5686
CMYK	0.00, 0.29, 0.49, 0.15
HSL	25°, 58%, 64%
HSV	25°, 49%, 85%
XYZ	43.1511, 39.3202, 20.0671
YIQ	168.4080, 51.3970, -0.8510

Conversions

Conversions Part 2

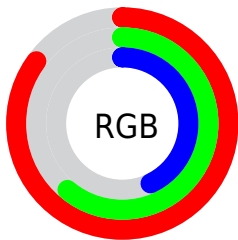
Format	Color
R_{YB}	217, 188, 110
Decimal	14261102
CIE Lab	68.98, 17.98, 32.71
CIE LCh	69, 37.323, 61.198
Yxy	39.3202, 0.4208, 0.3835
Android (android.graphics.Color)	4292451182 (0xFFD99B6E)
YUV	168.4080, -28.7951, 42.6152
Hunter-Lab	62.7058, 13.0998, 24.9201

Details

The XYZ color **43.1511, 39.3202, 20.0671** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.7066, 37.8282, 71.1705**, and the grayscale version is **37.5405, 39.4955, 43.0106**.

A 20% lighter version of the original color is **70.8082, 69.9618, 43.9544**, and **20.0907, 17.6085, 6.7548** is the 20% darker color. If you saturate the color by 10%, you get **40.1267, 34.9364, 13.9266**, and if you desaturate by 10%, it is **46.6846, 44.2594, 27.8052**.

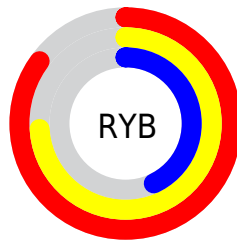
Distribution



Red (85%)

Green (61%)

Blue (43%)



Red (85%)

Yellow (74%)

Blue (43%)

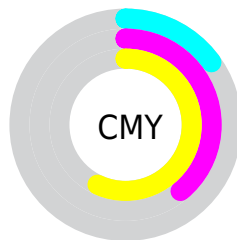


Cyan (0%)

Magenta (29%)

Yellow (49%)

Black (15%)



Cyan (15%)


Magenta (39%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1511, 39.3202, 20.0671 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 43.1511, 39.3202, 20.0671 by changing the saturation by 10% instead.


 43.1511, 39.3202,
20.0671


 43.1511, 39.3202,
20.0671


350.1438,
343.2499, 264.8944


 30.1987, 27.0089,
12.2593


 79.1931, 74.1272,
44.3901

 20.1383, 17.5799,
6.7958


 103.0135, 97.3917,
61.7424

 12.6045, 10.6488,
3.2582


 131.1872,
125.0761, 83.1132

 7.2319, 5.8312,
1.2280

 164.0796,
157.5648, 108.9211

 3.6551, 2.7427,
0.0016

202.0562,
195.2421, 139.5846

 1.5089, 0.9989,
0.0000

245.4821,

 0.3319, 0.0000,

238.4925, 175.5223

0.0000

294.7229,
287.7003, 217.1527

■ 0.0000, 0.0000,
0.0000

■ 43.1511, 39.3202,
20.0671

■ 43.1511, 39.3202,
20.0671

■ 40.1267, 34.9364,
13.9266

■ 46.6846, 44.2594,
27.8052

■ 37.5804, 31.0803,
9.2661

■ 50.7500, 49.7686,
37.2426

■ 35.4818, 27.7300,
5.9550


■ 55.3721, 55.8689,
48.4751


■ 33.7944, 24.8595,
3.8384


■ 60.5729, 62.5787,
61.5905


■ 32.4629, 22.4339,
2.6623

■ 66.3735, 69.9152,
76.6710

 32.3796, 22.2804,
2.5940

 72.7935, 77.8952,
93.7937

 78.7204, 86.0821,
107.0742

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



48.0207, 39.3202, 28.0039



43.1511, 39.3202, 20.0671



37.1344, 39.3202, 17.7265

Triad

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



43.1511, 39.3202, 20.0671



27.0754, 39.3202, 43.5004



43.6078, 39.3202, 77.3388

Complementary

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



43.1511, 39.3202, 20.0671



33.7066, 37.8282, 71.1705

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.



37.6119, 39.3202, 84.5596



43.1511, 39.3202, 20.0671



28.4279, 39.3202, 62.0942

Square

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



43.1511, 39.3202, 20.0671



28.2294, 39.3202, 28.9058



32.1346, 39.3202, 78.3574



48.3034, 39.3202, 60.5891

Rectangle

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



43.1511, 39.3202, 20.0671



33.3924, 39.3202, 18.9808



32.1346, 39.3202, 78.3574



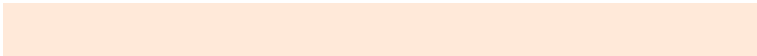
41.6573, 39.3202, 81.1335

Sweetspot

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



43.1521, 39.3221, 20.0679



82.8250, 84.4430, 77.4091



41.6778, 28.8985, 42.6214



17.3940, 17.6417, 15.7321



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.



43.1521, 39.3221, 20.0679



57.7381, 50.2134, 19.8927



54.0059, 61.0298, 23.6858



13.5039, 13.9471, 13.7059



19.7003, 13.6862, 1.6034



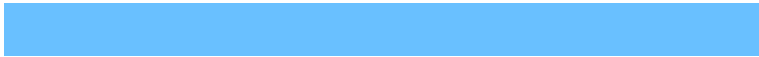
1.3603, 1.0547, 0.1319

Inverse Universe

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



33.7066, 37.8282, 71.1705



42.6111, 47.7723, 101.5829



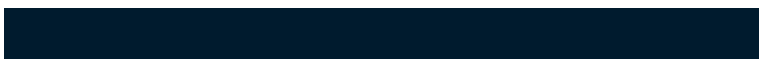
25.5420, 21.4990, 68.4490



12.9621, 13.8640, 16.6450



12.1837, 12.2368, 41.4582



0.8739, 0.9619, 2.7140

Previews

White Background



This preview shows how the XYZ color 43.1511, 39.3202, 20.0671 looks on a white background.

Color Contrast Check

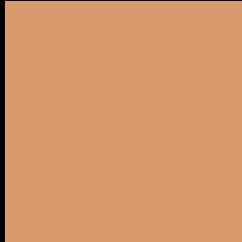
Large Text (above 18pt) WCAG AA × Fail

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 43.1511, 39.3202, 20.0671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

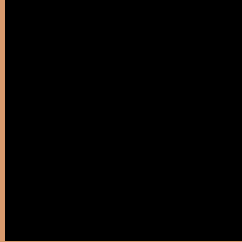
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1511, 39.3202, 20.0671

Background



This preview shows how black text looks on a background with the XYZ color 43.1511, 39.3202, 20.0671.



This preview shows how white text looks on a background with the XYZ color 43.1511, 39.3202,

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

43.1511, 39.3202, 20.0671

Protanopia

36.6318, 39.5820, 22.2324

Deuteranopia

40.1338, 39.2904, 19.9365



Tritanopia

46.9114, 39.4051, 38.3912

Trichromacy



Original Color

43.1511, 39.3202, 20.0671

Protanomaly

38.8184, 39.3679, 21.4724

Deuteranomaly

41.1709, 39.3103, 19.8857

Tritanomaly

45.4643, 39.3019, 30.7810

Monochromacy



Original Color

43.1511, 39.3202, 20.0671

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6134, 38.7401, 33.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1511, 39.3202, 20.0671 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, 155, 110)` looks like.

```
.text, #text, p{  
    color:rgb(217, 155, 110)  
}
```

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, 155, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 155, 110) }
```

Border

The CSS property to change the border of an element to XYZ 43.1511, 39.3202, 20.0671 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, 155, 110) }
```


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

```
.border{ border-color:rgb(217, 155, 110) }
```

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

Here you see how a box with a 4 pixel rgb(217, 155, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 155, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 155, 110);  
box-shadow:4px 4px 4px 4px rgb(217, 155,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1511, 39.3202, 20.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 155, 110) }
```

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

```
.background{ background-color: rgb(217,  
155, 110) }
```

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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