

Converting Colors

XYZ(39.6605, 32.8006, 19.8388)

Have a look what the booklet for
XYZ(39.6605, 32.8006, 19.8388)
contains.

XYZ(39.5301, 32.6895, 19.8490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.5301, 32.6895,
19.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	D78671
RGB	215, 134, 113
RGB Percent	84%, 53%, 44%
CMY	0.1569, 0.4745, 0.5569
CMYK	0.00, 0.38, 0.47, 0.16
HSL	12°, 56%, 64%
HSV	12°, 47%, 84%
XYZ	39.5301, 32.6895, 19.8490
YIQ	155.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

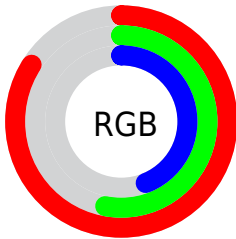
Format	Color
R _Y B	215, 139, 113
Decimal	14124657
CIE Lab	63.91, 28.79, 24.37
CIE LCh	64, 37.718, 40.251
Yxy	32.6895, 0.4294, 0.3551
Android (android.graphics.Color)	4292314737 (0xFFD78671)
YUV	155.8250, -21.1127, 51.8965
Hunter-Lab	57.1747, 23.3575, 19.4390

Details

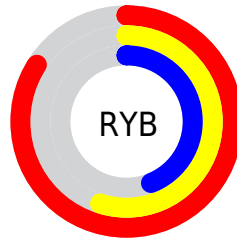
The XYZ color **39.5301, 32.6895, 19.8490** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.3667, 46.9986, 71.3395**, and the grayscale version is **31.5966, 33.2421, 36.2007**.

A 20% lighter version of the original color is **66.0148, 59.9431, 43.6881**, and **17.9520, 13.7363, 6.7062** is the 20% darker color. If you saturate the color by 10%, you get **36.2879, 27.9181, 13.4874**, and if you desaturate by 10%, it is **43.4417, 38.3407, 27.8488**.

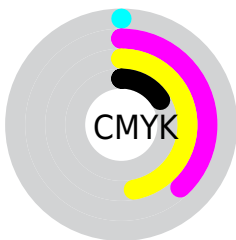
Distribution



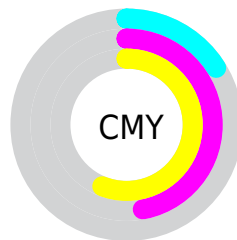
- Red (84%)
- Green (53%)
- Blue (44%)



- Red (84%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (38%)
- Yellow (47%)
- Black (16%)





- Cyan (16%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5301, 32.6895, 19.8490 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 39.5301, 32.6895, 19.8490 by changing the saturation by 10% instead.


 39.5301, 32.6895,
19.8490


 39.5301, 32.6895,
19.8490


335.3075,
314.2483, 263.6736


 27.3549, 21.8887,
12.1023


 73.7363, 63.8905,
44.0195


 17.9779, 13.7751,
6.6900


 96.4981, 85.0594,
61.2805

 11.0337, 7.9644,
3.1935

 123.5195,
110.4532, 82.5499

 6.1570, 4.0722,
1.1943

 155.1658,
140.4562, 108.2464

 2.9823, 1.7140,
0.0000

191.8024,
175.4528, 138.7885

 1.1444, 0.4327,
0.0000

233.7946,

 0.0618, 0.0000,

215.8274, 174.5947

0.0000

281.5079,
261.9644, 216.0835

■ 0.0000, 0.0000,
0.0000

■ 39.5301, 32.6895,
19.8490

■ 39.5301, 32.6895,
19.8490

■ 36.2879, 27.9181,
13.4874

■ 43.4417, 38.3407,
27.8488

■ 33.6737, 23.9769,
8.6477

■ 48.0556, 44.9084,
37.5883

■ 31.6453, 20.8188,
5.2014


■ 53.4059, 52.4328,
49.1631


■ 30.1538, 18.3895,
2.9972


■ 59.5232, 60.9506,
62.6609

■ 29.1379, 16.6260,
1.8314

■ 66.4368, 70.4964,
78.1642

 28.9353, 16.2690,
1.6152

 74.1740, 81.1030,
95.7503

 81.3619, 92.2421,
108.1240

 81.8343, 93.1871,
108.2815

Harmonies

Analogous

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



42.2360, 32.6895, 30.6403



39.5301, 32.6895, 19.8490



34.6487, 32.6895, 14.5602

Triad

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



39.5301, 32.6895, 19.8490



22.4196, 32.6895, 26.6010



32.9225, 32.6895, 72.8053

Complementary

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



39.5301, 32.6895, 19.8490



38.3667, 46.9986, 71.3395

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.



27.7474, 32.6895, 70.8051



39.5301, 32.6895, 19.8490



22.0695, 32.6895, 41.0532

Square

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



39.5301, 32.6895, 19.8490



24.9307, 32.6895, 17.6192



23.9129, 32.6895, 58.0201



38.1434, 32.6895, 62.8911

Rectangle

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



39.5301, 32.6895, 19.8490



31.0257, 32.6895, 13.6332



23.9129, 32.6895, 58.0201



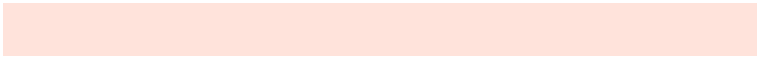
31.1151, 32.6895, 73.5593

Sweetspot

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



39.5309, 32.6911, 19.8496



81.4396, 81.1381, 78.5940



43.7347, 30.1796, 54.9133



17.0266, 16.8017, 15.9337



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.



39.5309, 32.6911, 19.8496



53.3526, 41.0124, 19.7563



48.2288, 50.0869, 22.7489



12.6284, 12.8310, 12.9717



17.3684, 9.8540, 0.9866



1.1079, 0.7150, 0.0796

Inverse Universe

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



38.3667, 46.9986, 71.3395



51.3805, 64.3998, 104.3301



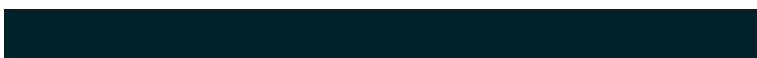
28.9888, 28.2429, 68.2135



12.5650, 13.6533, 15.9106



16.0937, 20.4492, 41.5520



1.0267, 1.3454, 2.5249

Previews

White Background



This preview shows how the XYZ color 39.5301, 32.6895, 19.8490 looks on a white background.

Color Contrast Check

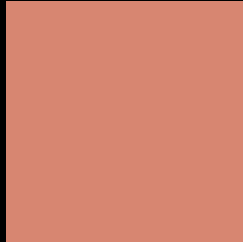
Large Text (above 18pt) WCAG AA × Fail

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 39.5301, 32.6895, 19.8490 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 39.5301, 32.6895, 19.8490

Background



This preview shows how black text looks on a background with the XYZ color 39.5301, 32.6895, 19.8490.



This preview shows how white text looks on a background with the XYZ color 39.5301, 32.6895,

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

39.5301, 32.6895, 19.8490

Protanopia

30.7512, 32.8472, 23.1317

Deuteranopia

33.5695, 32.9350, 19.3396



Tritanopia

41.3315, 32.6104, 28.9270

Trichromacy



Original Color

39.5301, 32.6895, 19.8490

Protanomaly

33.2919, 32.2666, 21.9262

Deuteranomaly

35.6075, 32.8300, 19.4990

Tritanomaly

40.4645, 32.4432, 25.2486

Monochromacy



Original Color

39.5301, 32.6895, 19.8490

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.4550, 32.4204, 29.3054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5301, 32.6895, 19.8490 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(215, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(215, 134, 113)  
}
```

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(215, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 134, 113) }
```

Border

The CSS property to change the border of an element to XYZ 39.5301, 32.6895, 19.8490 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(215, 134, 113) }
```


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

```
.border{ border-color:rgb(215, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(215, 134,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5301, 32.6895, 19.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 134, 113) }
```

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

```
.background{ background-color: rgb(215,  
134, 113) }
```

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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