

Converting Colors

XYZ(39.7472, 31.5505, 21.1754)

Have a look what the booklet for
XYZ(39.7472, 31.5505, 21.1754)
contains.

XYZ(39.6045, 31.4981, 21.1319)	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(39.6045, 31.4981,
21.1319)**

Conversions

Conversions Part 1

Format	Color
Hex	D98076
RGB	217, 128, 118
RGB Percent	85%, 50%, 46%
CMY	0.1490, 0.4980, 0.5373
CMYK	0.00, 0.41, 0.46, 0.15
HSL	6°, 57%, 66%
HSV	6°, 46%, 85%
XYZ	39.6045, 31.4981, 21.1319
YIQ	153.4710, 56.2540, 15.7580

Conversions

Conversions Part 2

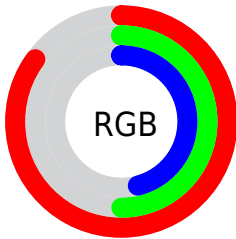
Format	Color
R_{YB}	217, 129, 118
Decimal	14254198
CIE Lab	62.93, 33.26, 20.28
CIE LCh	63, 38.955, 31.379
Yxy	31.4981, 0.4294, 0.3415
Android (android.graphics.Color)	4292444278 (0xFFD98076)
YUV	153.4710, -17.4872, 55.7149
Hunter-Lab	56.1232, 27.7468, 16.9619

Details

The XYZ color **39.6045, 31.4981, 21.1319** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.3073, 53.4845, 73.7393**, and the grayscale version is **30.5412, 32.1317, 34.9914**.

A 20% lighter version of the original color is **65.2236, 57.6182, 45.7140**, and **18.0574, 13.1209, 7.3752** is the 20% darker color. If you saturate the color by 10%, you get **36.1558, 26.4325, 14.3355**, and if you desaturate by 10%, it is **43.8405, 37.6637, 29.6547**.

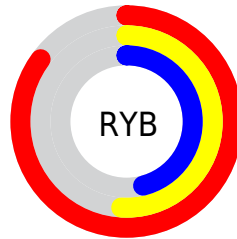
Distribution



Red (85%)

Green (50%)

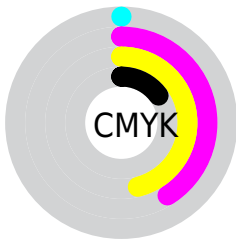
Blue (46%)



Red (85%)

Yellow (51%)

Blue (46%)

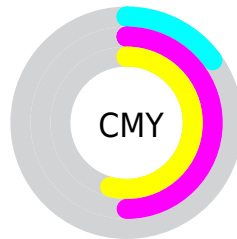


Cyan (0%)

Magenta (41%)

Yellow (46%)

Black (15%)



Cyan (15%)


Magenta (50%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6045, 31.4981, 21.1319 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 39.6045, 31.4981, 21.1319 by changing the saturation by 10% instead.


 39.6045, 31.4981,
21.1319


 39.6045, 31.4981,
21.1319


335.6169,
308.8265, 270.7827

 27.4131, 20.9784,
13.0283


 73.8491, 62.0234,
46.1906

 18.0219, 13.1082,
7.3171


 96.6330, 82.7979,
63.9827

 11.0655, 7.5031,
3.5797


 123.6785,
107.7594, 85.8414

 6.1785, 3.7787,
1.3977

155.3509,
137.2924, 112.1853

 2.9956, 1.5506,
0.1400

192.0156,
171.7812, 143.4328

 1.1515, 0.3239,
0.0000

234.0379,

 0.0675, 0.0000,

211.6102, 180.0025

0.0000

281.7832,
257.1639, 222.3129

■ 0.0000, 0.0000,
0.0000

■ 39.6045, 31.4981,
21.1319

■ 39.6045, 31.4981,
21.1319

■ 36.1558, 26.4325,
14.3355

■ 43.8405, 37.6637,
29.6547

■ 33.4434, 22.3977,
9.1458

■ 48.9061, 44.9839,
40.0091

■ 31.4137, 19.3240,
5.4305


■ 54.8431, 53.5151,
52.2938

■ 30.0049, 17.1311,
3.0355


■ 61.6901, 63.3088,
66.6002

■ 29.1436, 15.7251,
1.7720

■ 69.4832, 74.4135,
83.0136

 28.9008, 15.3229,
1.4344

 78.2566, 86.8752,
101.6146

 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.



41.4413, 31.4981, 33.5919



39.6045, 31.4981, 21.1319



35.1394, 31.4981, 14.3941

Triad

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



39.6045, 31.4981, 21.1319



21.7873, 31.4981, 22.0337



30.1863, 31.4981, 72.9720

Complementary

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



39.6045, 31.4981, 21.1319



42.3073, 53.4845, 73.7393

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.



25.2770, 31.4981, 67.1923



39.6045, 31.4981, 21.1319



20.7886, 31.4981, 35.0101

Square

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



39.6045, 31.4981, 21.1319



24.8958, 31.4981, 14.7952



21.9882, 31.4981, 52.0325



35.6188, 31.4981, 66.0881

Rectangle

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



39.6045, 31.4981, 21.1319



31.5061, 31.4981, 12.6397



21.9882, 31.4981, 52.0325



28.4228, 31.4981, 72.4370

Sweetspot

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



39.6053, 31.4997, 21.1325



80.4288, 79.1165, 78.2570



46.3685, 32.2187, 62.8706



16.7837, 16.3159, 15.8527



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.



39.6053, 31.4997, 21.1325



52.1604, 38.1726, 20.7632



47.6867, 47.6624, 23.8263



13.1614, 13.2621, 13.5917



17.5308, 9.3473, 0.8802



1.1726, 0.6792, 0.0693

Inverse Universe

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



42.3073, 53.4845, 73.7393



56.4912, 73.6555, 105.8473



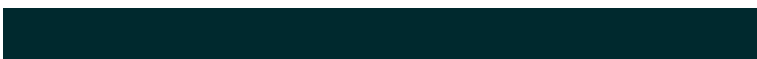
32.1546, 33.1791, 70.3550



13.3266, 14.5929, 16.7665



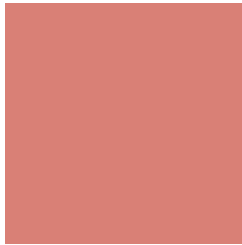
19.4492, 26.7679, 43.8800



1.2932, 1.8005, 2.8538

Previews

White Background



This preview shows how the XYZ color 39.6045, 31.4981, 21.1319 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 39.6045, 31.4981, 21.1319 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 39.6045, 31.4981, 21.1319

Background



This preview shows how black text looks on a background with the XYZ color 39.6045, 31.4981, 21.1319.



This preview shows how white text looks on a background with the XYZ color 39.6045, 31.4981,

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

39.6045, 31.4981, 21.1319

Protanopia

29.9554, 31.6452, 25.6484

Deuteranopia

32.1958, 31.4989, 20.6026



Tritanopia

40.7475, 31.5764, 26.8689

Trichromacy



Original Color

39.6045, 31.4981, 21.1319

Protanomaly

32.6444, 30.9750, 23.9969

Deuteranomaly

34.3773, 31.0636, 20.7070

Tritanomaly

40.4653, 31.6691, 24.7489

Monochromacy



Original Color

39.6045, 31.4981, 21.1319

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.6114, 31.0701, 29.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6045, 31.4981, 21.1319 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, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(217, 128, 118)  
}
```

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, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 128, 118) }
```

Border

The CSS property to change the border of an element to XYZ 39.6045, 31.4981, 21.1319 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, 128, 118) }
```


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

```
.border{ border-color:rgb(217, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(217, 128,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6045, 31.4981, 21.1319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 128, 118) }
```

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

```
.background{ background-color: rgb(217,  
128, 118) }
```

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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