

Converting Colors

XYZ(39.9662, 31.7002, 21.1573)

Have a look what the booklet for
XYZ(39.9662, 31.7002, 21.1573)
contains.

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Color

**XYZ(39.9026, 31.6518,
21.1458)**

Conversions

Conversions Part 1

Format	Color
Hex	DA8076
RGB	218, 128, 118
RGB Percent	85%, 50%, 46%
CMY	0.1451, 0.4980, 0.5373
CMYK	0.00, 0.41, 0.46, 0.15
HSL	6°, 57%, 66%
HSV	6°, 46%, 85%
XYZ	39.9026, 31.6518, 21.1458
YIQ	153.7700, 56.8500, 15.9700

Conversions

Conversions Part 2

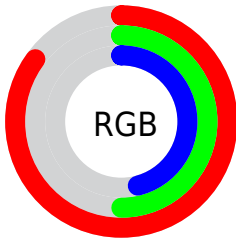
Format	Color
R _Y B	218, 129, 118
Decimal	14319734
CIE Lab	63.05, 33.64, 20.48
CIE LCh	63, 39.383, 31.333
Yxy	31.6518, 0.4304, 0.3414
Android (android.graphics.Color)	4292509814 (0xFFDA8076)
YUV	153.7700, -17.6346, 56.3297
Hunter-Lab	56.2599, 28.1470, 17.0973

Details

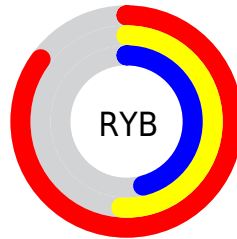
The XYZ color **39.9026, 31.6518, 21.1458** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.6806, 54.0225, 74.5073**, and the grayscale version is **30.6725, 32.2699, 35.1419**.

A 20% lighter version of the original color is **65.2236, 57.6182, 45.7140**, and **18.2566, 13.2235, 7.3845** is the 20% darker color. If you saturate the color by 10%, you get **36.4375, 26.5607, 14.3212**, and if you desaturate by 10%, it is **44.1635, 37.8553, 29.7132**.

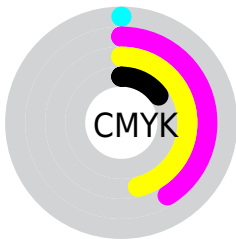
Distribution



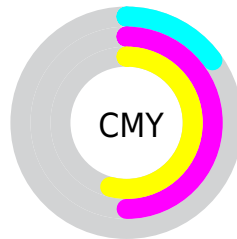
- Red (85%)
- Green (50%)
- Blue (46%)



- 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 39.9026, 31.6518, 21.1458 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 39.9026, 31.6518, 21.1458 by changing the saturation by 10% instead.


 39.9026, 31.6518,
21.1458


 39.9026, 31.6518,
21.1458


336.8543,
309.5300, 270.8588


 27.6465, 21.0957,
13.0383


 74.3005, 62.2648,
46.2140

 18.1984, 13.1940,
7.3239


 97.1729, 83.0905,
64.0118

 11.1931, 7.5622,
3.5840


 124.3148,
108.1082, 85.8768

 6.2651, 3.8161,
1.4000

156.0916,
137.7022, 112.2276

 3.0491, 1.5713,
0.1417

192.8686,
172.2570, 143.4826

 1.1798, 0.3381,
0.0000

235.0112,

 0.0903, 0.0000,

212.1570, 180.0605

0.0000

282.8846,
257.7865, 222.3797

■ 0.0000, 0.0000,
0.0000

■ 39.9026, 31.6518,
21.1458

■ 39.9026, 31.6518,
21.1458

■ 36.4375, 26.5607,
14.3212

■ 44.1635, 37.8553,
29.7132

■ 33.7161, 22.5116,
9.1177

■ 49.2629, 45.2267,
40.1299

■ 31.6842, 19.4335,
5.4013


■ 55.2436, 53.8234,
52.4961

■ 30.2787, 17.2446,
3.0153


■ 62.1444, 63.6976,
66.9042

■ 29.4247, 15.8492,
1.7668

■ 70.0021, 74.8986,
83.4409

 29.1967, 15.4720,
1.4476

 78.8514, 87.4731,
102.1877

 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



41.7639, 31.6518, 33.7732



39.9026, 31.6518, 21.1458



35.3707, 31.6518, 14.3350

Triad

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



39.9026, 31.6518, 21.1458



21.8283, 31.6518, 22.0269



30.3274, 31.6518, 73.7878

Complementary

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



39.9026, 31.6518, 21.1458



42.6806, 54.0225, 74.5073

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.



25.3523, 31.6518, 67.8830



39.9026, 31.6518, 21.1458



20.8142, 31.6518, 35.1630

Square

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



39.9026, 31.6518, 21.1458



24.9792, 31.6518, 14.7258



22.0248, 31.6518, 52.4495



35.8410, 31.6518, 66.7969

Rectangle

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



39.9026, 31.6518, 21.1458



31.6835, 31.6518, 12.5631



22.0248, 31.6518, 52.4495



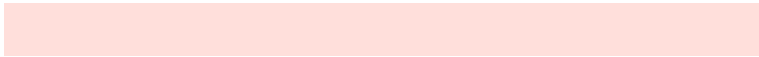
28.5394, 31.6518, 73.2359

Sweetspot

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



39.9034, 31.6534, 21.1464



80.4192, 79.0973, 78.2538



46.7770, 32.4165, 63.4659



16.7814, 16.3113, 15.8519



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.



39.9034, 31.6534, 21.1464



52.1418, 38.1354, 20.7570



48.1038, 48.0542, 23.8799



13.1603, 13.2600, 13.5914



17.5281, 9.3417, 0.8793



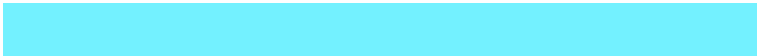
1.1721, 0.6782, 0.0691

Inverse Universe

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



42.6806, 54.0225, 74.5073



56.5330, 73.7391, 105.8612



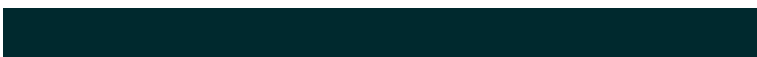
32.3531, 33.3674, 71.0648



13.3277, 14.5952, 16.7669



19.4785, 26.8265, 43.8898



1.2948, 1.8037, 2.8544

Previews

White Background



This preview shows how the XYZ color 39.9026, 31.6518, 21.1458 looks on a white background.

Color Contrast Check

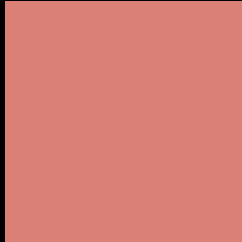
Large Text (above 18pt) WCAG AA × Fail

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 39.9026, 31.6518, 21.1458 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 39.9026, 31.6518, 21.1458

Background



This preview shows how black text looks on a background with the XYZ color 39.9026, 31.6518, 21.1458.



This preview shows how white text looks on a background with the XYZ color 39.9026, 31.6518,

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

39.9026, 31.6518, 21.1458

Protanopia

30.1184, 31.9712, 25.7027

Deuteranopia

32.3506, 31.8085, 20.6543



Tritanopia

41.0474, 31.7310, 26.8829

Trichromacy



Original Color

39.9026, 31.6518, 21.1458

Protanomaly

33.0306, 31.3980, 24.0582

Deuteranomaly

34.7786, 31.4865, 20.7675

Tritanomaly

40.7652, 31.8238, 24.7629

Monochromacy



Original Color

39.9026, 31.6518, 21.1458

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

33.0646, 31.5210, 29.5408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9026, 31.6518, 21.1458 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(218, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 118) }
```

Border

The CSS property to change the border of an element to XYZ 39.9026, 31.6518, 21.1458 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(218, 128, 118) }
```


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

```
.border{ border-color:rgb(218, 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(218, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9026, 31.6518, 21.1458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 118) }
```

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

```
.background{ background-color: rgb(218,  
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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