

Converting Colors

XYZ(31.1339, 24.4718, 18.7054)

Have a look what the booklet for
XYZ(31.1339, 24.4718, 18.7054)
contains.

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Color

**XYZ(31.1339, 24.4718,
18.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	C27171
RGB	194, 113, 113
RGB Percent	76%, 44%, 44%
CMY	0.2392, 0.5568, 0.5569
CMYK	0.00, 0.42, 0.42, 0.24
HSL	0°, 40%, 60%
HSV	0°, 42%, 76%
XYZ	31.1339, 24.4718, 18.7054
YIQ	137.2190, 48.2760, 17.1720

Conversions

Conversions Part 2

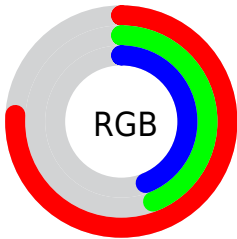
Format	Color
RYB	194, 113, 113
Decimal	12743025
CIELab	56.56, 31.92, 13.92
CIElCh	57, 34.824, 23.555
Yxy	24.4718, 0.4190, 0.3293
Android (android.graphics.Color)	4290933105 (0xFFC27171)
YUV	137.2190, -11.9400, 49.7969
Hunter-Lab	49.4690, 25.7704, 12.2093

Details

The XYZ color **31.1339, 24.4718, 18.7054** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.8386, 45.9875, 58.0265**, and the grayscale version is **23.8923, 25.1365, 27.3737**.

A 20% lighter version of the original color is **60.9358, 50.8717, 42.2049**, and **13.0482, 9.2550, 6.0997** is the 20% darker color. If you saturate the color by 10%, you get **28.2184, 20.2059, 12.9089**, and if you desaturate by 10%, it is **34.7467, 29.7586, 25.8866**.

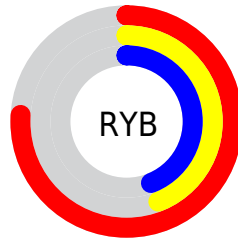
Distribution



Red (76%)

Green (44%)

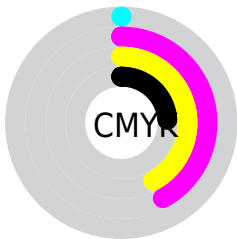
Blue (44%)



Red (76%)

Yellow (44%)

Blue (44%)

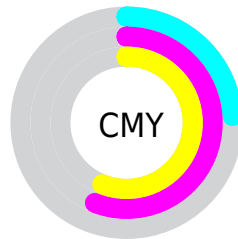


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.1339, 24.4718, 18.7054 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 31.1339, 24.4718, 18.7054 by changing the saturation by 10% instead.

 31.1339, 24.4718,
18.7054


 31.1339, 24.4718,
18.7054

298.9706,
275.1971, 257.1858


 20.8532, 15.6840,
11.2829


 60.8252, 50.7990,
42.0657

 13.1286, 9.3008,
6.1409


 80.9665, 69.1072,
58.8407

 7.5947, 4.9379,
2.8608


 105.1254, 91.3576,
79.5703

 3.8864, 2.2109,
1.0240

 133.6672,
117.9347, 104.6730

 1.6380, 0.7259,
0.0000

166.9572,
149.2228, 134.5673

 0.4170, 0.0000,
0.0000

205.3609,

 0.0000, 0.0000,

185.6063, 169.6719

0.0000

249.2436,
227.4696, 210.4052

■ 31.1339, 24.4718,
18.7054

■ 31.1339, 24.4718,
18.7054

■ 28.2184, 20.2059,
12.9089

■ 34.7467, 29.7586,
25.8866

■ 25.9536, 16.8917,
8.4066

■ 39.0957, 36.1224,
34.5321

■ 24.2901, 14.4575,
5.0998

■ 44.2191, 43.6195,
44.7174

■ 23.1706, 12.8194,
2.8747

■ 50.1522, 52.3012,
56.5121

■ 22.5271, 11.8776,
1.5956

■ 56.9277, 62.2158,
69.9818

■ 22.2482, 11.4696,
1.0412

■ 64.5769, 73.4087,
85.1883

■ 73.1293, 85.9231,
102.1903

■ 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



31.8663, 24.4718, 29.2221



31.1339, 24.4718, 18.7054



28.1874, 24.4718, 12.4544

Triad

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



31.1339, 24.4718, 18.7054



17.5525, 24.4718, 15.4922



22.3985, 24.4718, 55.4378

Complementary

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



31.1339, 24.4718, 18.7054



35.8386, 45.9875, 58.0265

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.



18.9426, 24.4718, 48.8539



31.1339, 24.4718, 18.7054



16.3617, 24.4718, 24.2252

Square

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



31.1339, 24.4718, 18.7054



20.2907, 24.4718, 11.0099



16.8395, 24.4718, 36.5645



26.5051, 24.4718, 52.6917

Rectangle

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



31.1339, 24.4718, 18.7054



25.5293, 24.4718, 10.4945



16.8395, 24.4718, 36.5645



21.1288, 24.4718, 54.1929

Sweetspot

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



31.1345, 24.4730, 18.7059



78.6746, 76.9214, 78.1553



37.8910, 27.1748, 54.2871



16.7544, 16.1506, 16.1718



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.



31.1345, 24.4730, 18.7059



51.5790, 37.2728, 24.2907



36.7022, 35.6083, 20.5617



10.0733, 10.0780, 10.4762



14.6276, 7.5409, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



35.8386, 45.9875, 58.0265



61.2293, 81.4092, 104.9562



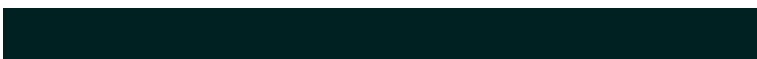
28.0211, 30.3525, 55.4207



10.3685, 11.4284, 12.9442



19.0845, 27.9255, 37.9409



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 31.1339, 24.4718, 18.7054 looks on a white background.

Color Contrast Check

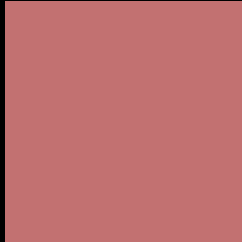
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1339, 24.4718, 18.7054 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 × Fail

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

XYZ 31.1339, 24.4718, 18.7054

Background



This preview shows how black text looks on a background with the XYZ color 31.1339, 24.4718, 18.7054.



This preview shows how white text looks on a background with the XYZ color 31.1339, 24.4718,

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

31.1339, 24.4718, 18.7054

Protanopia

23.4268, 24.7263, 22.6067

Deuteranopia

25.0313, 24.6275, 18.1861



Tritanopia

31.6900, 24.5465, 20.8370

Trichromacy



Original Color

31.1339, 24.4718, 18.7054

Protanomaly

25.6065, 24.2680, 21.1039

Deuteranomaly

26.8715, 24.2209, 18.2978

Tritanomaly

31.5107, 24.4748, 19.8929

Monochromacy



Original Color

31.1339, 24.4718, 18.7054

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.7160, 24.2660, 23.7505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1339, 24.4718, 18.7054 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(194, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(194, 113, 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(194, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 31.1339, 24.4718, 18.7054 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(194, 113, 113) }
```


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

```
.border{ border-color:rgb(194, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(194, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1339, 24.4718, 18.7054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 113, 113) }
```

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

```
.background{ background-color: rgb(194,  
113, 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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