

Converting Colors

XYZ(31.5413, 24.0159, 18.8817)

Have a look what the booklet for
XYZ(31.5413, 24.0159, 18.8817)
contains.

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Color

**XYZ(31.5319, 24.0225,
18.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	C56D72
RGB	197, 109, 114
RGB Percent	77%, 43%, 45%
CMY	0.2275, 0.5725, 0.5529
CMYK	0.00, 0.45, 0.42, 0.23
HSL	357°, 43%, 60%
HSV	357°, 45%, 77%
XYZ	31.5319, 24.0225, 18.8945
YIQ	135.8820, 50.8430, 20.2110

Conversions

Conversions Part 2

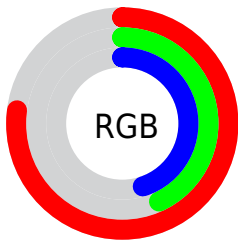
Format	Color
R _Y B	197, 109, 114
Decimal	12938610
CIE Lab	56.11, 35.31, 12.77
CIE LCh	56, 37.550, 19.887
Yxy	24.0225, 0.4235, 0.3227
Android (android.graphics.Color)	4291128690 (0xFFC56D72)
YUV	135.8820, -10.7878, 53.6005
Hunter-Lab	49.0128, 29.0640, 11.4525

Details

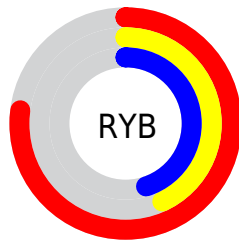
The XYZ color **31.5319, 24.0225, 18.8945** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.7886, 46.9901, 57.0557**, and the grayscale version is **23.3840, 24.6018, 26.7913**.

A 20% lighter version of the original color is **61.0433, 49.8538, 42.4818**, and **13.3626, 9.0967, 6.2058** is the 20% darker color. If you saturate the color by 10%, you get **28.7085, 19.8999, 13.2546**, and if you desaturate by 10%, it is **35.0424, 29.1753, 25.8239**.

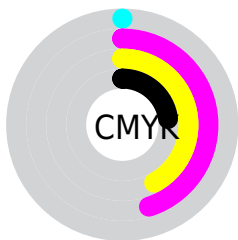
Distribution



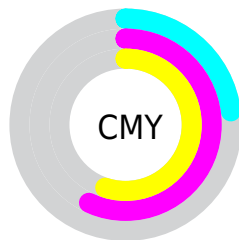
- Red (77%)
- Green (43%)
- Blue (45%)



- Red (77%)
- Yellow (43%)
- Blue (45%)



- Cyan (0%)
- Magenta (45%)
- Yellow (42%)
- Black (23%)



- Cyan (23%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5319, 24.0225, 18.8945 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 31.5319, 24.0225, 18.8945 by changing the saturation by 10% instead.

■ 31.5319, 24.0225,
18.8945

■ 31.5319, 24.0225,
18.8945

300.7647,
272.9342, 258.2690

■ 21.1580, 15.3503,
11.4180

■ 61.4467, 50.0669,
42.3901

■ 13.3527, 9.0656,
6.2311

■ 81.7183, 68.2079,
59.2463

■ 7.7505, 4.7840,
2.9150

■ 106.0199, 90.2740,
80.0661

■ 3.9862, 2.1211,
1.0514

■ 134.7168,
116.6496, 105.2681

■ 1.6943, 0.6764,
0.0000

168.1744,
147.7190, 135.2709

■ 0.4527, 0.0000,
0.0000

206.7580,

■ 0.0000, 0.0000,

183.8666, 170.4929

0.0000

250.8329,
225.4769, 211.3528

■ 31.5319, 24.0225,
18.8945

■ 31.5319, 24.0225,
18.8945

■ 28.7085, 19.8999,
13.2546

■ 35.0424, 29.1753,
25.8239

■ 26.5254, 16.7350,
8.8233

■ 39.2789, 35.4173,
34.1141

■ 24.9328, 14.4516,
5.5125


■ 44.2798, 42.8073,
43.8331


■ 23.8730, 12.9603,
3.2219


■ 50.0802, 51.3987,
55.0437


■ 23.2763, 12.1530,
1.8329

■ 56.7129, 61.2419,
67.8051

 23.0875, 11.8949,
1.4013

 64.2090, 72.3841,
82.1731

 72.5980, 84.8702,
98.2010

 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



31.9866, 24.0225, 30.5424



31.5319, 24.0225, 18.8945



28.5901, 24.0225, 11.8957

Triad

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



31.5319, 24.0225, 18.8945



17.0707, 24.0225, 13.6655



21.4102, 24.0225, 57.1125

Complementary

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



31.5319, 24.0225, 18.8945



35.7886, 46.9901, 57.0557

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.



17.9052, 24.0225, 48.7901



31.5319, 24.0225, 18.8945



15.6165, 24.0225, 22.2118

Square

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



31.5319, 24.0225, 18.8945



20.1318, 24.0225, 9.6005



15.9015, 24.0225, 35.0749



25.7649, 24.0225, 55.3715

Rectangle

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



31.5319, 24.0225, 18.8945



25.7981, 24.0225, 9.6169



15.9015, 24.0225, 35.0749



20.1036, 24.0225, 55.3188

Sweetspot

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



31.5325, 24.0237, 18.8950



80.7397, 78.7902, 81.2831



37.0668, 26.0634, 55.9005



16.8157, 16.1750, 16.4953



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.



31.5325, 24.0237, 18.8950



51.3455, 35.5363, 23.5943



36.2416, 33.8845, 19.0998



10.6579, 10.6465, 11.1816



15.1960, 7.8280, 0.9761



0.7282, 0.3741, 0.0920

Inverse Universe

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



31.5325, 24.0237, 18.8950



51.3455, 35.5363, 23.5943



28.7611, 32.0341, 57.4907



10.6579, 10.6465, 11.1816



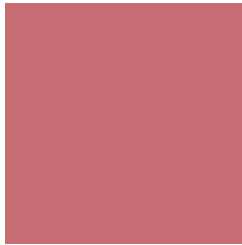
15.1960, 7.8280, 0.9761



0.7282, 0.3741, 0.0920

Previews

White Background



This preview shows how the XYZ color 31.5319, 24.0225, 18.8945 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 31.5319, 24.0225, 18.8945 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 31.5319, 24.0225, 18.8945

Background



This preview shows how black text looks on a background with the XYZ color 31.5319, 24.0225, 18.8945.



This preview shows how white text looks on a background with the XYZ color 31.5319, 24.0225,

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

31.5319, 24.0225, 18.8945

Protanopia

23.0033, 24.0715, 23.5125

Deuteranopia

24.7017, 24.2592, 18.1324



Tritanopia

31.7055, 24.0919, 19.8088

Trichromacy



Original Color

31.5319, 24.0225, 18.8945

Protanomaly

25.3437, 23.5460, 21.6214

Deuteranomaly

26.8420, 23.8374, 18.2253

Tritanomaly

31.6470, 24.0685, 19.5007

Monochromacy



Original Color

31.5319, 24.0225, 18.8945

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.4577, 23.7493, 23.6644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5319, 24.0225, 18.8945 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(197, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(197, 109, 114)  
}
```

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(197, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 109, 114) }
```

Border

The CSS property to change the border of an element to XYZ 31.5319, 24.0225, 18.8945 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(197, 109, 114) }
```


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

```
.border{ border-color:rgb(197, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(197, 109,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5319, 24.0225, 18.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 109, 114) }
```

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

```
.background{ background-color: rgb(197,  
109, 114) }
```

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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