

Converting Colors

XYZ(31.0262, 24.9457, 17.7896)

Have a look what the booklet for
XYZ(31.0262, 24.9457, 17.7896)
contains.

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Color

**XYZ(31.0522, 24.9540,
17.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	C1746E
RGB	193, 116, 110
RGB Percent	76%, 45%, 43%
CMY	0.2431, 0.5451, 0.5686
CMYK	0.00, 0.40, 0.43, 0.24
HSL	4°, 40%, 59%
HSV	4°, 43%, 76%
XYZ	31.0522, 24.9540, 17.9318
YIQ	138.3390, 47.8180, 14.4580

Conversions

Conversions Part 2

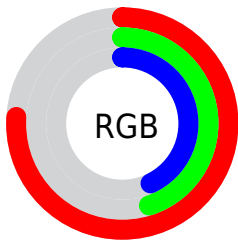
Format	Color
R_{YB}	193, 116, 110
Decimal	12678254
CIE Lab	57.03, 29.58, 16.29
CIE LCh	57, 33.768, 28.839
Yxy	24.9540, 0.4200, 0.3375
Android (android.graphics.Color)	4290868334 (0xFFC1746E)
YUV	138.3390, -13.9711, 47.9377
Hunter-Lab	49.9540, 23.5390, 13.6847

Details

The XYZ color **31.0522, 24.9540, 17.9318** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.8256, 42.7042, 56.9120**, and the grayscale version is **24.3265, 25.5934, 27.8712**.

A 20% lighter version of the original color is **60.8544, 51.6800, 40.9503**, and **13.1342, 9.5626, 5.7109** is the 20% darker color. If you saturate the color by 10%, you get **28.2450, 20.8420, 12.3642**, and if you desaturate by 10%, it is **34.4873, 29.9555, 24.8382**.

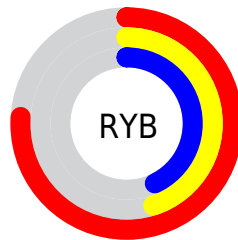
Distribution



Red (76%)

Green (45%)

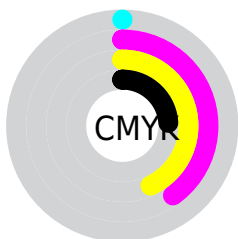
Blue (43%)



Red (76%)

Yellow (45%)

Blue (43%)

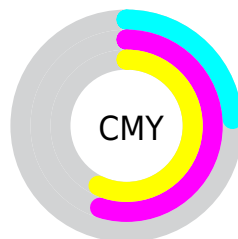


Cyan (0%)

Magenta (40%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0522, 24.9540, 17.9318 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 31.0522, 24.9540, 17.9318 by changing the saturation by 10% instead.


 31.0522, 24.9540,
17.9318


 31.0522, 24.9540,
17.9318

298.6013,
277.6088, 252.7095


 20.7906, 16.0428,
10.7321


 60.6975, 51.5826,
40.7334


 13.0826, 9.5544,
5.7751


 80.8120, 70.0688,
57.1725

 7.5629, 5.1045,
2.6422


 104.9415, 92.5154,
77.5284

 3.8660, 2.3087,
0.9141

 133.4513,
119.3068, 102.2196

 1.6266, 0.7783,
0.0000

166.7068,
150.8275, 131.6649

 0.4096, 0.0000,
0.0000

205.0734,

 0.0000, 0.0000,

187.4618, 166.2826

0.0000

248.9165,
229.5941, 206.4913

■ 31.0522, 24.9540,
17.9318

■ 31.0522, 24.9540,
17.9318

■ 28.2450, 20.8420,
12.3642

■ 34.4873, 29.9555,
24.8382

■ 26.0257, 17.5639,
8.0474

■ 38.5832, 35.8904,
33.1610

■ 24.3531, 15.0636,
4.8847


■ 43.3726, 42.8042,
42.9734


■ 23.1793, 13.2767,
2.7652


■ 48.8857, 50.7384,
54.3435


■ 22.4485, 12.1283,
1.5558

■ 55.1508, 59.7319,
67.3347

 22.1489, 11.6505,
1.0814

 62.1947, 69.8219,
82.0073

 70.0428, 81.0434,
98.4183

 75.8023, 90.0775,
107.9992

Harmonies

Analogous

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



32.1970, 24.9540, 27.6161



31.0522, 24.9540, 17.9318



27.8909, 24.9540, 12.4292

Triad

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



31.0522, 24.9540, 17.9318



17.7677, 24.9540, 17.3564



23.5637, 24.9540, 55.4096

Complementary

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



31.0522, 24.9540, 17.9318



33.8256, 42.7042, 56.9120

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.



19.9836, 24.9540, 50.4974



31.0522, 24.9540, 17.9318



16.8760, 24.9540, 26.7300

Square

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



31.0522, 24.9540, 17.9318



20.2236, 24.9540, 12.1681



17.6404, 24.9540, 39.1374



27.5935, 24.9540, 51.1701

Rectangle

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



31.0522, 24.9540, 17.9318



25.2264, 24.9540, 10.8721



17.6404, 24.9540, 39.1374



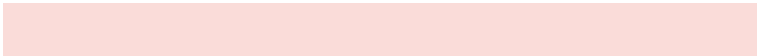
22.2710, 24.9540, 54.7546

Sweetspot

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



31.0528, 24.9552, 17.9323



77.4978, 76.3990, 76.5895



36.5881, 26.0974, 50.3850



16.1936, 15.7669, 15.5431



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0528, 24.9552, 17.9323



50.6726, 37.4540, 22.3126



36.8695, 36.5886, 19.8712



10.1304, 10.1923, 10.4953



14.7544, 7.7946, 0.7269



0.6580, 0.3779, 0.0383

Inverse Universe

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



33.8256, 42.7042, 56.9120



56.2860, 73.5001, 101.5806



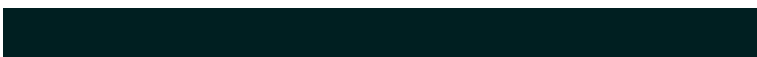
26.3300, 27.7130, 54.4135



10.3042, 11.2997, 12.9228



17.1541, 24.0647, 37.2975



0.7602, 1.0777, 1.6178

Previews

White Background



This preview shows how the XYZ color 31.0522, 24.9540, 17.9318 looks on a white background.

Color Contrast Check

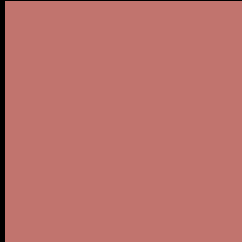
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0522, 24.9540, 17.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

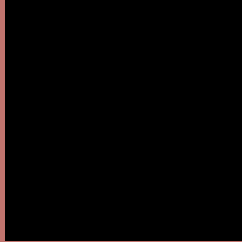
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0522, 24.9540, 17.9318

Background



This preview shows how black text looks on a background with the XYZ color 31.0522, 24.9540, 17.9318.



This preview shows how white text looks on a background with the XYZ color 31.0522, 24.9540,

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

31.0522, 24.9540, 17.9318

Protanopia

23.8374, 25.1767, 21.3725

Deuteranopia

25.6030, 25.1411, 17.4132



Tritanopia

31.8406, 24.9340, 21.8735

Trichromacy



Original Color

31.0522, 24.9540, 17.9318

Protanomaly

25.9029, 24.6429, 19.9143

Deuteranomaly

27.4012, 24.8887, 17.5471

Tritanomaly

31.6489, 25.0388, 20.3044

Monochromacy



Original Color

31.0522, 24.9540, 17.9318

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.9795, 24.7929, 23.8383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0522, 24.9540, 17.9318 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(193, 116, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 116, 110)  
}
```

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(193, 116, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 116, 110) }
```

Border

The CSS property to change the border of an element to XYZ 31.0522, 24.9540, 17.9318 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(193, 116, 110) }
```


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

```
.border{ border-color:rgb(193, 116, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 116, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 116, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 116, 110); box-shadow:4px 4px 4px 4px rgb(193, 116, 110) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0522, 24.9540, 17.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 116, 110) }
```

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

```
.background{ background-color: rgb(193,  
116, 110) }
```

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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