

Converting Colors

XYZ(31.5546, 24.9556, 19.2806)

Have a look what the booklet for
XYZ(31.5546, 24.9556, 19.2806)
contains.

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Color

**XYZ(31.7309, 25.1014,
19.3923)**

Conversions

Conversions Part 1

Format	Color
Hex	C37373
RGB	195, 115, 115
RGB Percent	76%, 45%, 45%
CMY	0.2353, 0.5490, 0.5490
CMYK	0.00, 0.41, 0.41, 0.24
HSL	0°, 40%, 61%
HSV	0°, 41%, 76%
XYZ	31.7309, 25.1014, 19.3923
YIQ	138.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

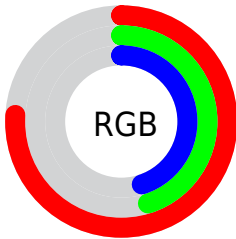
Format	Color
RYB	195, 115, 115
Decimal	12809075
CIELab	57.17, 31.45, 13.64
CIElCh	57, 34.281, 23.439
Yxy	25.1014, 0.4163, 0.3293
Android (android.graphics.Color)	4290999155 (0xFFC37373)
YUV	138.9200, -11.7926, 49.1822
Hunter-Lab	50.1013, 25.3730, 12.1220

Details

The XYZ color **31.7309, 25.1014, 19.3923** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.4346, 46.6130, 58.7065**, and the grayscale version is **24.5416, 25.8196, 28.1176**.

A 20% lighter version of the original color is **61.8507, 51.8661, 43.3105**, and **13.3846, 9.5891, 6.4556** is the 20% darker color. If you saturate the color by 10%, you get **28.7320, 20.7135, 13.4300**, and if you desaturate by 10%, it is **35.4387, 30.5273, 26.7624**.

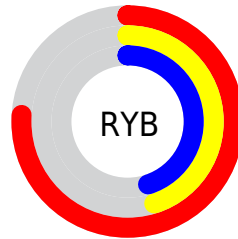
Distribution



Red (76%)

Green (45%)

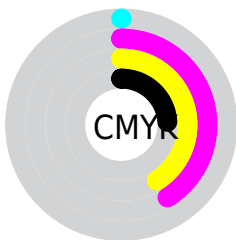
Blue (45%)



Red (76%)

Yellow (45%)

Blue (45%)

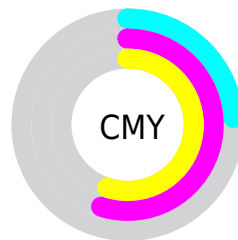


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.7309, 25.1014, 19.3923 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 31.7309, 25.1014, 19.3923 by changing the saturation by 10% instead.


 31.7309, 25.1014,
19.3923


 31.7309, 25.1014,
19.3923


301.6587,
278.3425, 261.1005


 21.3106, 16.1526,
11.7744


 61.7570, 51.8217,
43.2414


 13.4650, 9.6322,
6.4696


 82.0936, 70.3620,
60.3098

 7.8287, 5.1558,
3.0593


 106.4662, 92.8682,
81.3653

 4.0364, 2.3390,
1.1250

 135.2403,
119.7248, 106.8267

 1.7228, 0.7942,
0.0000

168.7813,
151.3161, 137.1123

 0.4704, 0.0000,
0.0000

207.4544,

 0.0000, 0.0000,

188.0266, 172.6408

0.0000

251.6251,
230.2406, 213.8307

■ 31.7309, 25.1014,
19.3923

■ 31.7309, 25.1014,
19.3923

■ 28.7320, 20.7135,
13.4300

■ 35.4387, 30.5273,
26.7624

■ 26.3951, 17.2939,
8.7845

■ 39.8946, 37.0475,
35.6204

■ 24.6707, 14.7705,
5.3566


■ 45.1370, 44.7187,
46.0423


■ 23.5014, 13.0594,
3.0324

■ 51.2015, 53.5927,
58.0983


■ 22.8192, 12.0611,
1.6764

■ 58.1212, 63.7180,
71.8545

 22.5057, 11.6023,
1.0533

 65.9274, 75.1407,
87.3733

 74.6500, 87.9042,
104.7139

 76.3156, 90.3421,
108.0232

Harmonies

Analogous

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



32.4510, 25.1014, 29.9566



31.7309, 25.1014, 19.3923



28.7986, 25.1014, 13.0574

Triad

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



31.7309, 25.1014, 19.3923



18.1392, 25.1014, 16.0921



22.9803, 25.1014, 55.9770

Complementary

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



31.7309, 25.1014, 19.3923



36.4346, 46.6130, 58.7065

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.



19.5177, 25.1014, 49.4164



31.7309, 25.1014, 19.3923



16.9342, 25.1014, 24.8638

Square

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



31.7309, 25.1014, 19.3923



20.8956, 25.1014, 11.5627



17.4088, 25.1014, 37.1857



27.0883, 25.1014, 53.2914

Rectangle

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



31.7309, 25.1014, 19.3923



26.1449, 25.1014, 11.0551



17.4088, 25.1014, 37.1857



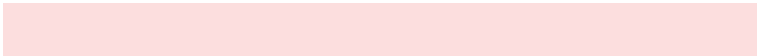
21.7088, 25.1014, 54.7311

Sweetspot

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



31.7316, 25.1027, 19.3928



79.6770, 78.3883, 80.1479



38.4867, 27.8039, 54.9678



17.1609, 16.7454, 16.9798



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.



31.7316, 25.1027, 19.3928



52.0721, 37.9944, 25.2708



37.3216, 36.2827, 21.2561



10.0733, 10.0780, 10.4762



14.6276, 7.5410, 0.6846



0.6320, 0.3259, 0.0296

Inverse Universe

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



36.4346, 46.6130, 58.7065



61.6069, 81.6035, 104.9738



28.6420, 31.0278, 56.1090



10.3685, 11.4284, 12.9442



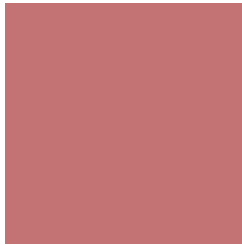
19.0843, 27.9251, 37.9408



0.8246, 1.2066, 1.6393

Previews

White Background



This preview shows how the XYZ color 31.7309, 25.1014, 19.3923 looks on a white background.

Color Contrast Check

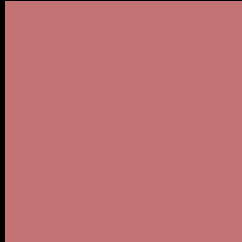
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7309, 25.1014, 19.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

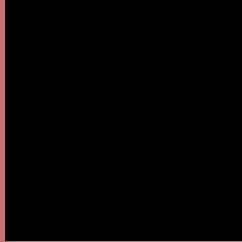
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7309, 25.1014, 19.3923

Background



This preview shows how black text looks on a background with the XYZ color 31.7309, 25.1014, 19.3923.



This preview shows how white text looks on a background with the XYZ color 31.7309, 25.1014,

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

31.7309, 25.1014, 19.3923

Protanopia

24.0392, 25.2373, 23.3429

Deuteranopia

25.6731, 25.1460, 18.8298



Tritanopia

32.2951, 25.1755, 21.5696

Trichromacy



Original Color

31.7309, 25.1014, 19.3923

Protanomaly

26.2634, 24.7870, 21.8125

Deuteranomaly

27.6751, 24.9982, 18.9893

Tritanomaly

32.1120, 25.1023, 20.6055

Monochromacy



Original Color

31.7309, 25.1014, 19.3923

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.3100, 24.9479, 24.5478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7309, 25.1014, 19.3923 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(195, 115, 115)` looks like.

```
.text, #text, p{  
    color:rgb(195, 115, 115)  
}
```

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(195, 115, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 115, 115) }
```

Border

The CSS property to change the border of an element to XYZ 31.7309, 25.1014, 19.3923 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(195, 115, 115) }
```


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

```
.border{ border-color:rgb(195, 115, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 115, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 115, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 115, 115);  
box-shadow:4px 4px 4px 4px rgb(195, 115,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7309, 25.1014, 19.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 115, 115) }
```

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

```
.background{ background-color: rgb(195,  
115, 115) }
```

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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