

Converting Colors

XYZ(31.1435, 23.3799, 21.5720)

Have a look what the booklet for
XYZ(31.1435, 23.3799, 21.5720)
contains.

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Color

**XYZ(31.0810, 23.4148,
21.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	C26B7B
RGB	194, 107, 123
RGB Percent	76%, 42%, 48%
CMY	0.2392, 0.5804, 0.5176
CMYK	0.00, 0.45, 0.37, 0.24
HSL	349°, 42%, 59%
HSV	349°, 45%, 76%
XYZ	31.0810, 23.4148, 21.6202
YIQ	134.8370, 46.7160, 23.4200

Conversions

Conversions Part 2

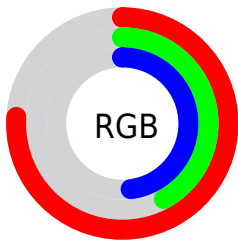
Format	Color
RYB	194, 107, 123
Decimal	12741499
CIELab	55.50, 36.30, 6.59
CIElCh	55, 36.890, 10.292
Yxy	23.4148, 0.4083, 0.3076
Android (android.graphics.Color)	4290931579 (0xFFC26B7B)
YUV	134.8370, -5.8356, 51.8860
Hunter-Lab	48.3888, 29.9732, 7.3813

Details

The XYZ color **31.0810, 23.4148, 21.6202** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.3923, 44.9243, 49.0334**, and the grayscale version is **22.9782, 24.1748, 26.3264**.

A 20% lighter version of the original color is **60.8167, 49.1194, 46.8330**, and **13.1804, 8.8239, 7.4871** is the 20% darker color. If you saturate the color by 10%, you get **28.3683, 19.4493, 16.2151**, and if you desaturate by 10%, it is **34.4090, 28.3542, 28.0218**.

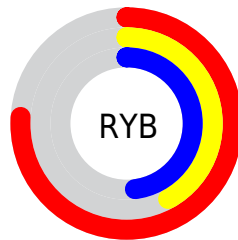
Distribution



Red (76%)

Green (42%)

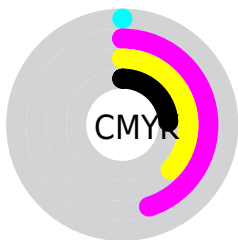
Blue (48%)



Red (76%)

Yellow (42%)

Blue (48%)

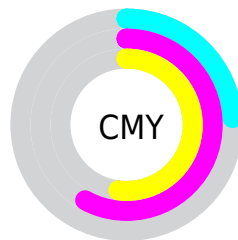


Cyan (0%)

Magenta (45%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0810, 23.4148, 21.6202 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 31.0810, 23.4148, 21.6202 by changing the saturation by 10% instead.


 31.0810, 23.4148,
21.6202


 31.0810, 23.4148,
21.6202


298.7315,
269.8484, 273.4449


 20.8127, 14.9001,
13.3825


 60.7425, 49.0735,
47.0116


 13.0988, 8.7493,
7.5586


 80.8665, 66.9864,
65.0023

 7.5741, 4.5780,
3.7301


 105.0063, 88.8007,
87.0811

 3.8731, 2.0019,
1.4785

 133.5274,
114.9009, 113.6664

 1.6306, 0.6086,
0.2018

166.7951,
145.6713, 145.1770

 0.4122, 0.0000,
0.0000

205.1748,

 0.0000, 0.0000,

181.4965, 182.0312

0.0000

249.0318,
222.7607, 224.6477

■ 31.0810, 23.4148,
21.6202

■ 31.0810, 23.4148,
21.6202

■ 28.3683, 19.4493,
16.2151

■ 34.4090, 28.3542,
28.0218

■ 26.2305, 16.3896,
11.7544

■ 38.3855, 34.3226,
35.4656

■ 24.6256, 14.1646,
8.1831


■ 43.0435, 41.3751,
43.9961


■ 23.5044, 12.6908,
5.4399


■ 48.4131, 49.5618,
53.6549


■ 22.8083, 11.8672,
3.4551

■ 54.5227, 58.9299,
64.4811

 22.5616, 11.5947,
2.6916

 61.3991, 69.5236,
76.5123

 69.0678, 81.3851,
89.7841

 75.2110, 89.8705,
103.5501

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



30.6587, 23.4148, 34.0186



31.0810, 23.4148, 21.6202



28.9246, 23.4148, 13.3729

Triad

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



31.0810, 23.4148, 21.6202



17.4765, 23.4148, 11.7181



19.6672, 23.4148, 53.6832

Complementary

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



31.0810, 23.4148, 21.6202



33.3923, 44.9243, 49.0334

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.



16.6987, 23.4148, 43.3456



31.0810, 23.4148, 21.6202



15.5472, 23.4148, 18.5288

Square

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



31.0810, 23.4148, 21.6202



20.8575, 23.4148, 8.9546



15.2814, 23.4148, 29.8065



23.7137, 23.4148, 55.2968

Rectangle

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



31.0810, 23.4148, 21.6202



26.4554, 23.4148, 10.3343



15.2814, 23.4148, 29.8065



18.5247, 23.4148, 50.9898

Sweetspot

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



31.0816, 23.4160, 21.6206



79.4863, 77.2454, 82.4316



33.0366, 23.7119, 53.8746



16.9562, 16.2312, 17.2351



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.



31.0816, 23.4160, 21.6206



51.3901, 35.2284, 29.3654



33.3041, 29.3345, 17.8183



10.1472, 10.1075, 10.8655



14.8560, 7.6321, 1.8877



0.6654, 0.3392, 0.2054

Inverse Universe

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



31.0816, 23.4160, 21.6206



51.3901, 35.2284, 29.3654



29.7862, 34.9902, 56.2229



10.1472, 10.1075, 10.8655



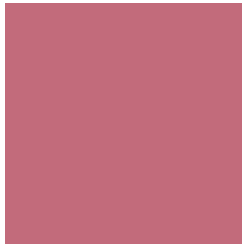
14.8560, 7.6321, 1.8877



0.6654, 0.3392, 0.2054

Previews

White Background



This preview shows how the XYZ color 31.0810, 23.4148, 21.6202 looks on a white background.

Color Contrast Check

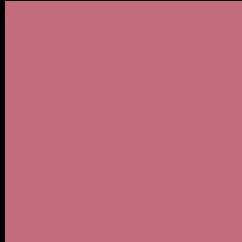
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0810, 23.4148, 21.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

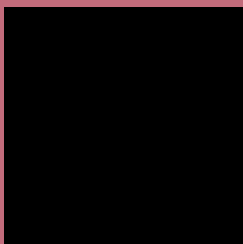
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0810, 23.4148, 21.6202

Background



This preview shows how black text looks on a background with the XYZ color 31.0810, 23.4148, 21.6202.



This preview shows how white text looks on a background with the XYZ color 31.0810, 23.4148,

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

31.0810, 23.4148, 21.6202

Protanopia

22.8946, 23.7321, 27.0410

Deuteranopia

23.9425, 23.6117, 20.7484



Tritanopia

30.5073, 23.3235, 19.4170

Trichromacy



Original Color

31.0810, 23.4148, 21.6202

Protanomaly

25.0828, 23.1492, 24.9760

Deuteranomaly

26.1639, 23.2463, 20.8773

Tritanomaly

30.6847, 23.3945, 20.3511

Monochromacy



Original Color

31.0810, 23.4148, 21.6202

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.1407, 23.3738, 24.6593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0810, 23.4148, 21.6202 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, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 123)  
}
```

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, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 123) }
```

Border

The CSS property to change the border of an element to XYZ 31.0810, 23.4148, 21.6202 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, 107, 123) }
```


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

```
.border{ border-color:rgb(194, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0810, 23.4148, 21.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 107, 123) }
```

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

```
.background{ background-color: rgb(194,  
107, 123) }
```

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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