

Converting Colors

XYZ(31.0499, 23.2662, 20.6236)

Have a look what the booklet for
XYZ(31.0499, 23.2662, 20.6236)
contains.

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Color

**XYZ(31.0499, 23.2662,
20.6236)**

Conversions

Conversions Part 1

Format	Color
Hex	C36A78
RGB	195, 106, 120
RGB Percent	76%, 42%, 47%
CMY	0.2353, 0.5843, 0.5294
CMYK	0.00, 0.46, 0.38, 0.24
HSL	351°, 43%, 59%
HSV	351°, 46%, 76%
XYZ	31.0499, 23.2662, 20.6236
YIQ	134.2070, 48.5500, 23.2220

Conversions

Conversions Part 2

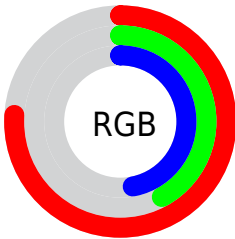
Format	Color
RYB	195, 106, 120
Decimal	12806776
CIELab	55.35, 36.83, 8.15
CIELCh	55, 37.726, 12.477
Yxy	23.2662, 0.4143, 0.3105
Android (android.graphics.Color)	4290996856 (0xFFC36A78)
YUV	134.2070, -7.0041, 53.3155
Hunter-Lab	48.2350, 30.4928, 8.4142

Details

The XYZ color **31.0499, 23.2662, 20.6236** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.8006, 45.4312, 50.7062**, and the grayscale version is **22.7492, 23.9339, 26.0640**.

A 20% lighter version of the original color is **60.7176, 48.8457, 45.2577**, and **13.0171, 8.6035, 7.1055** is the 20% darker color. If you saturate the color by 10%, you get **28.3508, 19.3294, 15.2185**, and if you desaturate by 10%, it is **34.3783, 28.1876, 27.0835**.

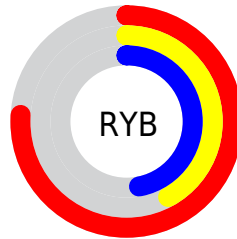
Distribution



Red (76%)

Green (42%)

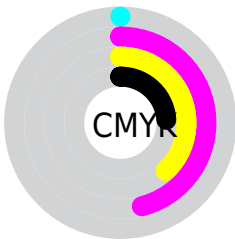
Blue (47%)



Red (76%)

Yellow (42%)

Blue (47%)

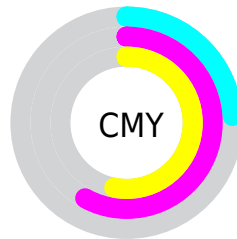


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (24%)



Cyan (24%)


Magenta (58%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.0499, 23.2662, 20.6236 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 31.0499, 23.2662, 20.6236 by changing the saturation by 10% instead.


 31.0499, 23.2662,
20.6236


 31.0499, 23.2662,
20.6236


298.5909,
269.0893, 267.9863


 20.7889, 14.7902,
12.6606


 60.6939, 48.8301,
45.3329


 13.0813, 8.6723,
7.0673


 80.8076, 66.6867,
62.9162

 7.5620, 4.5280,
3.4251


 104.9363, 88.4390,
84.5434

 3.8654, 1.9731,
1.3156

 133.4452,
114.4714, 110.6331

 1.6263, 0.5918,
0.0745

166.6998,
145.1682, 141.6036

 0.4094, 0.0000,
0.0000

205.0653,

 0.0000, 0.0000,

180.9139, 177.8737

0.0000

248.9073,
222.0928, 219.8617

■ 31.0499, 23.2662,
20.6236

■ 31.0499, 23.2662,
20.6236

■ 28.3508, 19.3294,
15.2185

■ 34.3783, 28.1876,
27.0835

■ 26.2390, 16.3074,
10.8102

■ 38.3708, 34.1501,
34.6489

■ 24.6703, 14.1269,
7.3374


■ 43.0615, 41.2102,
43.3692

■ 23.5933, 12.7017,
4.7312


■ 48.4820, 49.4192,
53.2901


■ 22.9452, 11.9256,
2.9122


■ 54.6618, 58.8253,
64.4548

 22.7487, 11.6993,
2.3326

 61.6286, 69.4739,
76.9046

 69.4089, 81.4078,
90.6786

 75.7522, 90.1167,
105.0559

 76.3157, 90.3421,
108.0233

Harmonies

Analogous

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



30.8179, 23.2662, 33.0187



31.0499, 23.2662, 20.6236



28.6758, 23.2662, 12.6279

Triad

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



31.0499, 23.2662, 20.6236



17.0607, 23.2662, 11.7375



19.7528, 23.2662, 54.6933

Complementary

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



31.0499, 23.2662, 20.6236



33.8006, 45.4312, 50.7062

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.



16.6380, 23.2662, 44.5575



31.0499, 23.2662, 20.6236



15.2255, 23.2662, 18.9432

Square

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



31.0499, 23.2662, 20.6236



20.4017, 23.2662, 8.7098



15.0813, 23.2662, 30.7096



23.9191, 23.2662, 55.5854

Rectangle

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



31.0499, 23.2662, 20.6236



26.0919, 23.2662, 9.7750



15.0813, 23.2662, 30.7096



18.5622, 23.2662, 52.1346

Sweetspot

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



31.0505, 23.2674, 20.6240



78.4227, 75.7701, 80.0673



33.8664, 23.9727, 54.4721



16.7360, 15.9317, 16.7271



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.



31.0505, 23.2674, 20.6240



50.6847, 34.4863, 27.0688



33.8653, 30.1584, 17.6734



10.1364, 10.1031, 10.8086



14.8058, 7.6121, 1.6236



0.6606, 0.3372, 0.1800

Inverse Universe

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



31.0505, 23.2674, 20.6240



50.6847, 34.4863, 27.0688



29.3105, 34.0360, 56.6547



10.1364, 10.1031, 10.8086



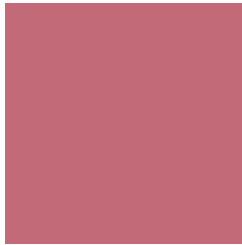
14.8058, 7.6121, 1.6236



0.6606, 0.3372, 0.1800

Previews

White Background



This preview shows how the XYZ color 31.0499, 23.2662, 20.6236 looks on a white background.

Color Contrast Check

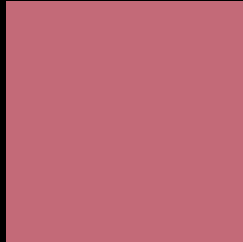
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0499, 23.2662, 20.6236 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 31.0499, 23.2662, 20.6236

Background



This preview shows how black text looks on a background with the XYZ color 31.0499, 23.2662, 20.6236.



This preview shows how white text looks on a background with the XYZ color 31.0499, 23.2662,

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

31.0499, 23.2662, 20.6236

Protanopia

22.5460, 23.3747, 25.8777

Deuteranopia

23.8205, 23.3747, 19.7793



Tritanopia

30.8579, 23.3553, 19.1013

Trichromacy



Original Color

31.0499, 23.2662, 20.6236

Protanomaly

24.9500, 22.9190, 23.8777

Deuteranomaly

26.0758, 23.0421, 19.9029

Tritanomaly

30.9743, 23.4018, 19.7141

Monochromacy



Original Color

31.0499, 23.2662, 20.6236

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.8804, 23.0682, 23.9101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0499, 23.2662, 20.6236 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, 106, 120)` looks like.

```
.text, #text, p{  
    color:rgb(195, 106, 120)  
}
```

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, 106, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 106, 120) }
```

Border

The CSS property to change the border of an element to XYZ 31.0499, 23.2662, 20.6236 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, 106, 120) }
```


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

```
.border{ border-color:rgb(195, 106, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 106, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 106, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 106, 120);  
box-shadow:4px 4px 4px 4px rgb(195, 106,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0499, 23.2662, 20.6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 106, 120) }
```

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

```
.background{ background-color: rgb(195,  
106, 120) }
```

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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