

Converting Colors

XYZ(30.4024, 23.0274, 16.2206)

Have a look what the booklet for
XYZ(30.4024, 23.0274, 16.2206)
contains.

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Color

**XYZ(30.4688, 23.0638,
16.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	C46A69
RGB	196, 106, 105
RGB Percent	77%, 42%, 41%
CMY	0.2314, 0.5843, 0.5882
CMYK	0.00, 0.46, 0.46, 0.23
HSL	1°, 44%, 59%
HSV	1°, 46%, 77%
XYZ	30.4688, 23.0638, 16.2105
YIQ	132.7960, 53.9610, 18.7690

Conversions

Conversions Part 2

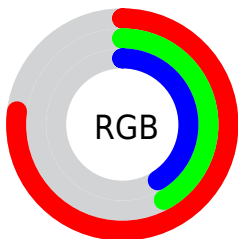
Format	Color
RYB	196, 106, 105
Decimal	12872297
CIELab	55.14, 35.57, 16.65
CIELCh	55, 39.272, 25.087
Yxy	23.0638, 0.4369, 0.3307
Android (android.graphics.Color)	4291062377 (0xFFC46A69)
YUV	132.7960, -13.7034, 55.4299
Hunter-Lab	48.0248, 29.2040, 13.6043

Details

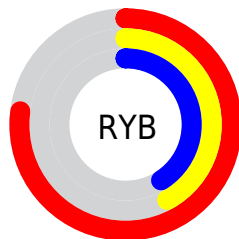
The XYZ color **30.4688, 23.0638, 16.2105** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.3035, 46.0166, 59.2458**, and the grayscale version is **22.2553, 23.4143, 25.4982**.

A 20% lighter version of the original color is **59.6389, 48.4566, 37.6622**, and **12.8254, 8.6228, 4.9914** is the 20% darker color. If you saturate the color by 10%, you get **27.7983, 19.1534, 10.9099**, and if you desaturate by 10%, it is **33.8241, 27.9723, 22.8851**.

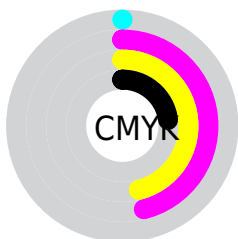
Distribution



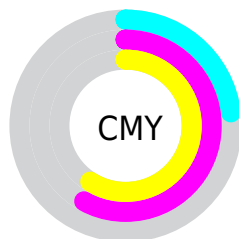
- Red (77%)
- Green (42%)
- Blue (41%)



- Red (77%)
- Yellow (42%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (23%)





- Cyan (23%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4688, 23.0638, 16.2105 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 30.4688, 23.0638, 16.2105 by changing the saturation by 10% instead.


 30.4688, 23.0638,
16.2105

 30.4688, 23.0638,
16.2105


295.9543,
268.0525, 242.4686


 20.3445, 14.6406,
9.5173


 59.7843, 48.4981,
37.7351


 12.7554, 8.5676,
4.9787


 79.7063, 66.2779,
53.4036

 7.3362, 4.4602,
2.1762


 103.6249, 87.9455,
72.9009

 3.7214, 1.9342,
0.6606

 131.9054,
113.8852, 96.6455

 1.5458, 0.5688,
0.0000

164.9133,
144.4813, 125.0561

 0.3567, 0.0000,
0.0000

203.0138,

 0.0000, 0.0000,

180.1183, 158.5511

0.0000

246.5724,
221.1806, 197.5491

■ 30.4688, 23.0638,
16.2105

■ 30.4688, 23.0638,
16.2105

■ 27.7983, 19.1534,
10.9099

■ 33.8241, 27.9723,
22.8851

■ 25.7638, 16.1695,
6.8867

■ 37.9050, 33.9370,
31.0188

■ 24.3130, 14.0367,
4.0335


■ 42.7512, 41.0158,
40.6914


■ 23.3847, 12.6661,
2.2252


■ 48.3990, 49.2615,
51.9763

■ 22.9019, 11.9484,
1.3002

■ 54.8823, 58.7233,
64.9425

 22.7884, 11.7827,
1.0732

 62.2333, 69.4477,
79.6549

 70.4821, 81.4787,
96.1747

 76.5749, 90.4757,
108.0354

Harmonies

Analogous

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



31.4298, 23.0638, 27.2357



30.4688, 23.0638, 16.2105



27.1041, 23.0638, 10.0708

Triad

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



30.4688, 23.0638, 16.2105



15.7145, 23.0638, 13.6820



21.2080, 23.0638, 57.6288

Complementary

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



30.4688, 23.0638, 16.2105



35.3035, 46.0166, 59.2458

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.



17.4455, 23.0638, 50.5418



30.4688, 23.0638, 16.2105



14.5548, 23.0638, 23.1027

Square

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



30.4688, 23.0638, 16.2105



18.5406, 23.0638, 8.9886



15.1438, 23.0638, 36.7916



25.6901, 23.0638, 53.9071

Rectangle

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



30.4688, 23.0638, 16.2105



24.1613, 23.0638, 8.2710



15.1438, 23.0638, 36.7916



19.8245, 23.0638, 56.3786

Sweetspot

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



30.4694, 23.0650, 16.2109



79.5788, 77.4164, 77.9737



37.7803, 25.8246, 55.2178



16.5802, 15.9088, 15.7848



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.



30.4694, 23.0650, 16.2109



50.1680, 34.4188, 19.3870



36.3011, 34.7284, 18.1548



10.0819, 10.0953, 10.4791



14.6468, 7.5793, 0.6910



0.6360, 0.3338, 0.0309

Inverse Universe

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



35.3035, 46.0166, 59.2458



60.0165, 81.1956, 107.1169



26.7759, 28.9615, 56.4033



10.3587, 11.4087, 12.9410



18.7789, 27.3144, 37.8391



0.8145, 1.1864, 1.6360

Previews

White Background



This preview shows how the XYZ color 30.4688, 23.0638, 16.2105 looks on a white background.

Color Contrast Check

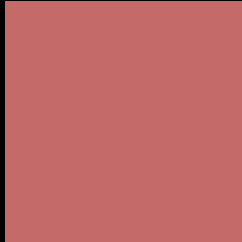
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4688, 23.0638, 16.2105 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 30.4688, 23.0638, 16.2105

Background



This preview shows how black text looks on a background with the XYZ color 30.4688, 23.0638, 16.2105.



This preview shows how white text looks on a background with the XYZ color 30.4688, 23.0638,

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

30.4688, 23.0638, 16.2105

Protanopia

22.0025, 23.2138, 20.4606

Deuteranopia

23.6486, 23.1862, 15.5409



Tritanopia

31.0022, 23.1433, 18.1623

Trichromacy



Original Color

30.4688, 23.0638, 16.2105

Protanomaly

24.3617, 22.7291, 18.7259

Deuteranomaly

25.7897, 22.8109, 15.6140

Tritanomaly

30.8379, 23.0776, 17.2971

Monochromacy



Original Color

30.4688, 23.0638, 16.2105

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.3684, 22.6639, 21.8291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4688, 23.0638, 16.2105 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(196, 106, 105)` looks like.

```
.text, #text, p{  
    color:rgb(196, 106, 105)  
}
```

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(196, 106, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 106, 105) }
```

Border

The CSS property to change the border of an element to XYZ 30.4688, 23.0638, 16.2105 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(196, 106, 105) }
```


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

```
.border{ border-color:rgb(196, 106, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 106, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 106, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 106, 105);  
box-shadow:4px 4px 4px 4px rgb(196, 106,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4688, 23.0638, 16.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 106, 105) }
```

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

```
.background{ background-color: rgb(196,  
106, 105) }
```

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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