

Converting Colors

XYZ(30.3614, 23.1156, 17.5283)

Have a look what the booklet for
XYZ(30.3614, 23.1156, 17.5283)
contains.

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Color

**XYZ(30.3203, 23.1105,
17.6146)**

Conversions

Conversions Part 1

Format	Color
Hex	C26B6E
RGB	194, 107, 110
RGB Percent	76%, 42%, 43%
CMY	0.2392, 0.5804, 0.5686
CMYK	0.00, 0.45, 0.43, 0.24
HSL	358°, 42%, 59%
HSV	358°, 45%, 76%
XYZ	30.3203, 23.1105, 17.6146
YIQ	133.3550, 50.8890, 19.3770

Conversions

Conversions Part 2

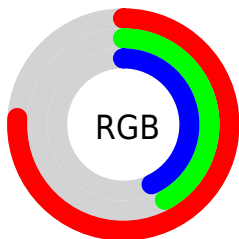
Format	Color
RYB	194, 107, 110
Decimal	12741486
CIELab	55.19, 34.80, 13.76
CIElCh	55, 37.424, 21.568
Yxy	23.1105, 0.4268, 0.3253
Android (android.graphics.Color)	4290931566 (0xFFC26B6E)
YUV	133.3550, -11.5140, 53.1857
Hunter-Lab	48.0734, 28.4531, 11.9269

Details

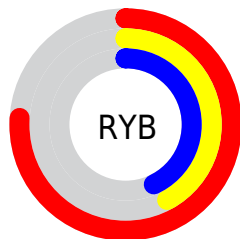
The XYZ color **30.3203, 23.1105, 17.6146** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7603, 45.4714, 56.2376**, and the grayscale version is **22.4521, 23.6213, 25.7236**.

A 20% lighter version of the original color is **59.5118, 48.5975, 39.9618**, and **12.6769, 8.6035, 5.6951** is the 20% darker color. If you saturate the color by 10%, you get **27.6055, 19.1442, 12.1987**, and if you desaturate by 10%, it is **33.7056, 28.0728, 24.3180**.

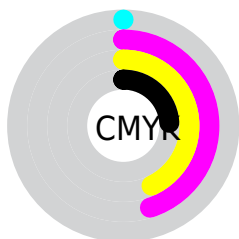
Distribution



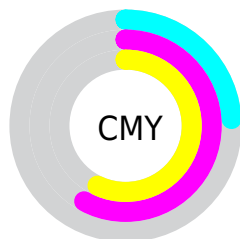
- Red (76%)
- Green (42%)
- Blue (43%)



- Red (76%)
- Yellow (42%)
- Blue (43%)



- Cyan (0%)
- Magenta (45%)
- Yellow (43%)
- Black (24%)





- Cyan (24%)
- Magenta (58%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3203, 23.1105, 17.6146 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 30.3203, 23.1105, 17.6146 by changing the saturation by 10% instead.


 30.3203, 23.1105,
17.6146


 30.3203, 23.1105,
17.6146


295.2777,
268.2920, 250.8524


 20.2311, 14.6751,
10.5071


 59.5515, 48.5747,
40.1845


 12.6724, 8.5917,
5.6265


 79.4242, 66.3723,
56.4840

 7.2788, 4.4758,
2.5542


 103.2888, 88.0595,
76.6846

 3.6849, 1.9431,
0.8687

 131.5107,
114.0205, 101.2048

 1.5255, 0.5741,
0.0000

164.4552,
144.6399, 130.4631

 0.3431, 0.0000,
0.0000

202.4876,

 0.0000, 0.0000,

180.3021, 164.8781

0.0000

245.9733,
221.3913, 204.8684

■ 30.3203, 23.1105,
17.6146

■ 30.3203, 23.1105,
17.6146

■ 27.6055, 19.1442,
12.1987

■ 33.7056, 28.0728,
24.3180

■ 25.5150, 16.1034,
7.9866

■ 37.8001, 34.0884,
32.3829

■ 23.9996, 13.9142,
4.8869


■ 42.6414, 41.2142,
41.8789


■ 23.0019, 12.4898,
2.7942

■ 48.2641, 49.5022,
52.8707


■ 22.4528, 11.7250,
1.5834

■ 54.7007, 59.0010,
65.4191

 22.2847, 11.4840,
1.2339

 61.9818, 69.7566,
79.5813

 70.1364, 81.8125,
95.4118

 76.0581, 90.2093,
108.0112

Harmonies

Analogous

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



30.9141, 23.1105, 28.6917



30.3203, 23.1105, 17.6146



27.3500, 23.1105, 11.0960

Triad

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



30.3203, 23.1105, 17.6146



16.2521, 23.1105, 13.3961



20.8083, 23.1105, 55.4914

Complementary

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



30.3203, 23.1105, 17.6146



34.7603, 45.4714, 56.2376

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.



17.3392, 23.1105, 47.8448



30.3203, 23.1105, 17.6146



14.9360, 23.1105, 21.9369

Square

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



30.3203, 23.1105, 17.6146



19.1417, 23.1105, 9.2532



15.3070, 23.1105, 34.6092



25.0549, 23.1105, 53.2141

Rectangle

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



30.3203, 23.1105, 17.6146



24.6063, 23.1105, 9.0338



15.3070, 23.1105, 34.6092



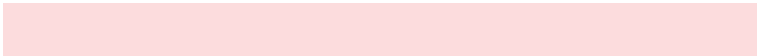
19.5214, 23.1105, 53.9273

Sweetspot

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



30.3209, 23.1117, 17.6150



78.8240, 76.9805, 78.9444



36.1438, 25.3137, 54.0199



16.7915, 16.1653, 16.3675



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.



30.3209, 23.1117, 17.6150



50.0083, 34.6757, 22.0890



35.2047, 33.1359, 18.4518



10.0869, 10.0834, 10.5484



14.6578, 7.5529, 0.8441



0.6383, 0.3283, 0.0625

Inverse Universe

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



30.3209, 23.1117, 17.6150



50.0083, 34.6757, 22.0890



27.4985, 30.4148, 55.4602



10.0869, 10.0834, 10.5484



14.6578, 7.5529, 0.8441



0.6383, 0.3283, 0.0625

Previews

White Background



This preview shows how the XYZ color 30.3203, 23.1105, 17.6146 looks on a white background.

Color Contrast Check

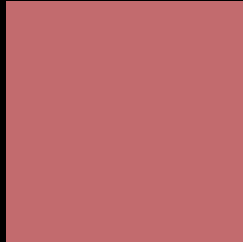
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3203, 23.1105, 17.6146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

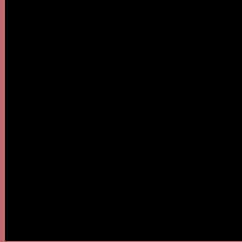
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3203, 23.1105, 17.6146

Background



This preview shows how black text looks on a background with the XYZ color 30.3203, 23.1105, 17.6146.



This preview shows how white text looks on a background with the XYZ color 30.3203, 23.1105,

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

30.3203, 23.1105, 17.6146

Protanopia

22.1429, 23.2510, 22.0597

Deuteranopia

23.5173, 23.0894, 16.8529



Tritanopia

30.4394, 22.9923, 18.7532

Trichromacy



Original Color

30.3203, 23.1105, 17.6146

Protanomaly

24.4535, 22.7430, 20.2405

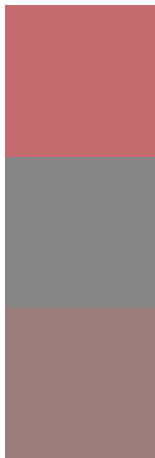
Deuteranomaly

25.7325, 22.9295, 16.9795

Tritanomaly

30.3828, 22.9697, 18.4550

Monochromacy



Original Color

30.3203, 23.1105, 17.6146

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.4269, 22.8645, 22.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3203, 23.1105, 17.6146 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(194, 107, 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(194, 107, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 107, 110) }
```

Border

The CSS property to change the border of an element to XYZ 30.3203, 23.1105, 17.6146 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, 110) }
```


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

```
.border{ border-color:rgb(194, 107, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 107, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 107, 110);  
box-shadow:4px 4px 4px 4px rgb(194, 107,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3203, 23.1105, 17.6146 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, 110) }
```

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

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