

Converting Colors

XYZ(30.6286, 23.4314, 17.3764)

Have a look what the booklet for
XYZ(30.6286, 23.4314, 17.3764)
contains.

XYZ(30.6286, 23.4314, 17.3764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.6286, 23.4314,
17.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	C36C6D
RGB	195, 108, 109
RGB Percent	76%, 42%, 43%
CMY	0.2353, 0.5764, 0.5725
CMYK	0.00, 0.45, 0.44, 0.24
HSL	359°, 42%, 59%
HSV	359°, 45%, 76%
XYZ	30.6286, 23.4314, 17.3764
YIQ	134.1270, 51.5310, 18.7550

Conversions

Conversions Part 2

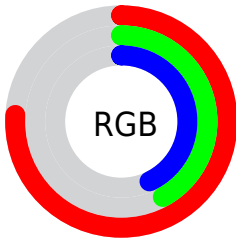
Format	Color
R_{YB}	195, 108, 109
Decimal	12807277
CIE Lab	55.51, 34.54, 14.82
CIE LCh	56, 37.587, 23.215
Yxy	23.4314, 0.4288, 0.3280
Android (android.graphics.Color)	4290997357 (0xFFC36C6D)
YUV	134.1270, -12.3876, 53.3856
Hunter-Lab	48.4060, 28.2343, 12.6007

Details

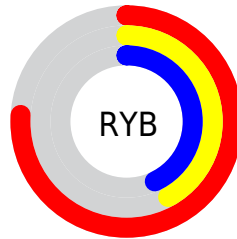
The XYZ color **30.6286, 23.4314, 17.3764** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.4383, 46.1140, 58.0749**, and the grayscale version is **22.7382, 23.9224, 26.0515**.

A 20% lighter version of the original color is **59.9631, 49.0986, 39.5743**, and **12.8638, 8.7772, 5.5736** is the 20% darker color. If you saturate the color by 10%, you get **27.8708, 19.3984, 11.8867**, and if you desaturate by 10%, it is **34.0751, 28.4777, 24.2189**.

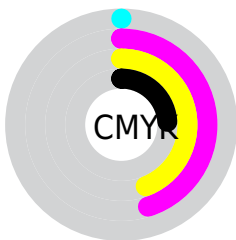
Distribution



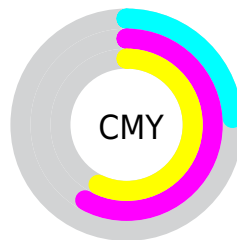
- Red (76%)
- Green (42%)
- Blue (43%)



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



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6286, 23.4314, 17.3764 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 30.6286, 23.4314, 17.3764 by changing the saturation by 10% instead.


 30.6286, 23.4314,
17.3764


 30.6286, 23.4314,
17.3764


296.6811,
269.9331, 249.4492


 20.4666, 14.9124,
10.3384


 60.0347, 49.1007,
39.7713


 12.8449, 8.7579,
5.5154

 80.0095, 67.0198,
55.9653

 7.3981, 4.5836,
2.4887


 103.9860, 88.8410,
76.0484

 3.7608, 2.0051,
0.8342

 132.3296,
114.9488, 100.4391

 1.5677, 0.6104,
0.0000

165.4055,
145.7275, 129.5560

 0.3712, 0.0000,
0.0000

203.5792,

 0.0000, 0.0000,

181.5615, 163.8176

0.0000

247.2159,
222.8352, 203.6425

■ 30.6286, 23.4314,
17.3764

■ 30.6286, 23.4314,
17.3764

■ 27.8708, 19.3984,
11.8867

■ 34.0751, 28.4777,
24.2189

■ 25.7538, 16.3069,
7.6588

■ 38.2504, 34.5954,
32.4941

■ 24.2265, 14.0818,
4.5928


■ 43.1935, 41.8426,
42.2776

■ 23.2293, 12.6346,
2.5733


■ 48.9403, 50.2721,
53.6390


■ 22.6899, 11.8583,
1.4609

■ 55.5242, 59.9335,
66.6439

 22.5179, 11.6070,
1.1176

 62.9770, 70.8735,
81.3538

 71.3287, 83.1362,
97.8273

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



31.3799, 23.4314, 28.3697



30.6286, 23.4314, 17.3764



27.5142, 23.4314, 11.0171

Triad

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



30.6286, 23.4314, 17.3764



16.3624, 23.4314, 13.9364



21.3222, 23.4314, 56.4031

Complementary

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



30.6286, 23.4314, 17.3764



35.4383, 46.1140, 58.0749

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.



17.7399, 23.4314, 49.1332



30.6286, 23.4314, 17.3764



15.1209, 23.4314, 22.8544

Square

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



30.6286, 23.4314, 17.3764



19.2113, 23.4314, 9.5162



15.5912, 23.4314, 35.8597



25.6391, 23.4314, 53.5246

Rectangle

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



30.6286, 23.4314, 17.3764



24.7073, 23.4314, 9.0598



15.5912, 23.4314, 35.8597



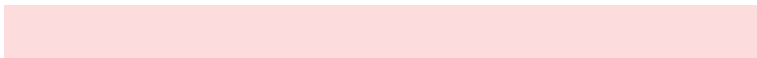
20.0001, 23.4314, 55.0051

Sweetspot

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



30.6292, 23.4326, 17.3768



78.7238, 76.9404, 78.4167



37.3463, 26.0764, 54.6946



16.7666, 16.1553, 16.2366



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.



30.6292, 23.4326, 17.3768



49.8195, 34.6002, 21.0947



36.1276, 34.5145, 18.9468



10.0778, 10.0797, 10.5001



14.6376, 7.5448, 0.7376



0.6341, 0.3266, 0.0405

Inverse Universe

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



30.6292, 23.4326, 17.3768



49.8195, 34.6002, 21.0947



27.4189, 29.8956, 55.9550



10.0778, 10.0797, 10.5001



14.6376, 7.5448, 0.7376



0.6341, 0.3266, 0.0405

Previews

White Background



This preview shows how the XYZ color 30.6286, 23.4314, 17.3764 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 30.6286, 23.4314, 17.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

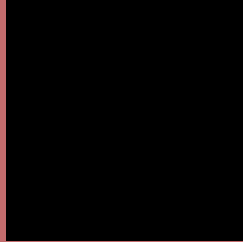
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6286, 23.4314, 17.3764

Background



This preview shows how black text looks on a background with the XYZ color 30.6286, 23.4314, 17.3764.



This preview shows how white text looks on a background with the XYZ color 30.6286, 23.4314,

17.3764.

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

30.6286, 23.4314, 17.3764

Protanopia

22.4862, 23.6445, 21.4679

Deuteranopia

23.9793, 23.5262, 16.6418



Tritanopia

30.8579, 23.3553, 19.1013

Trichromacy



Original Color

30.6286, 23.4314, 17.3764

Protanomaly

24.7166, 23.0706, 19.9800

Deuteranomaly

26.0165, 23.2614, 16.7544

Tritanomaly

30.7440, 23.3097, 18.5016

Monochromacy



Original Color

30.6286, 23.4314, 17.3764

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.7456, 23.2158, 22.5789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6286, 23.4314, 17.3764 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, 108, 109)` looks like.

```
.text, #text, p{  
    color:rgb(195, 108, 109)  
}
```

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, 108, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 108, 109) }
```

Border

The CSS property to change the border of an element to XYZ 30.6286, 23.4314, 17.3764 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, 108, 109) }
```


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

```
.border{ border-color:rgb(195, 108, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 108, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 108, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 108, 109);  
box-shadow:4px 4px 4px 4px rgb(195, 108,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6286, 23.4314, 17.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 108, 109) }
```

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

```
.background{ background-color: rgb(195,  
108, 109) }
```

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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