

Converting Colors

XYZ(30.6649, 23.0514, 16.4651)

Have a look what the booklet for
XYZ(30.6649, 23.0514, 16.4651)
contains.

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Color

**XYZ(30.6791, 23.0141,
16.4609)**

Conversions

Conversions Part 1

Format	Color
Hex	C5696A
RGB	197, 105, 106
RGB Percent	77%, 41%, 42%
CMY	0.2275, 0.5882, 0.5843
CMYK	0.00, 0.47, 0.46, 0.23
HSL	359°, 44%, 59%
HSV	359°, 47%, 77%
XYZ	30.6791, 23.0141, 16.4609
YIQ	132.6220, 54.5110, 19.8150

Conversions

Conversions Part 2

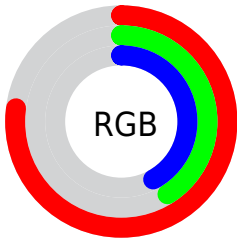
Format	Color
R _Y B	197, 105, 106
Decimal	12937578
CIE Lab	55.09, 36.57, 16.02
CIE LCh	55, 39.928, 23.654
Yxy	23.0141, 0.4373, 0.3281
Android (android.graphics.Color)	4291127658 (0xFFC5696A)
YUV	132.6220, -13.1246, 56.4595
Hunter-Lab	47.9730, 30.1993, 13.2370

Details

The XYZ color **30.6791, 23.0141, 16.4609** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **35.7570, 46.9218, 59.3997**, and the grayscale version is **22.1899, 23.3455, 25.4233**.

A 20% lighter version of the original color is **59.5527, 48.1480, 38.0530**, and **12.9708, 8.6236, 5.1186** is the 20% darker color. If you saturate the color by 10%, you get **27.9991, 19.0958, 11.1232**, and if you desaturate by 10%, it is **34.0553, 27.9563, 23.1670**.

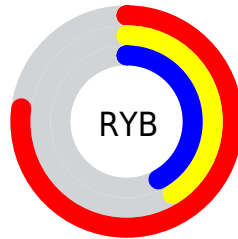
Distribution



Red (77%)

Green (41%)

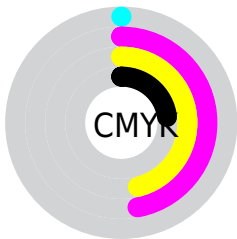
Blue (42%)



Red (77%)

Yellow (41%)

Blue (42%)

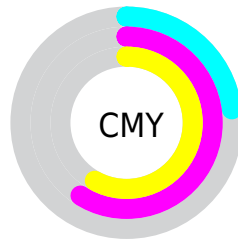


Cyan (0%)

Magenta (47%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (59%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6791, 23.0141, 16.4609 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 30.6791, 23.0141, 16.4609 by changing the saturation by 10% instead.

 30.6791, 23.0141,
16.4609


 30.6791, 23.0141,
16.4609


296.9105,
267.7974, 243.9841


 20.5052, 14.6039,
9.6930


 60.1138, 48.4165,
38.1744


 12.8732, 8.5419,
5.0930


 80.1053, 66.1775,
53.9571

 7.4177, 4.4436,
2.2422


 104.1001, 87.8242,
73.5817

 3.7733, 1.9247,
0.6986

 132.4635,
113.7410, 97.4669

 1.5747, 0.5631,
0.0000

165.5609,
144.3123, 126.0313

 0.3758, 0.0000,
0.0000

203.7577,

 0.0000, 0.0000,

179.9226, 159.6932

0.0000

247.4191,
220.9562, 198.8713

■ 30.6791, 23.0141,
16.4609

■ 30.6791, 23.0141,
16.4609

■ 27.9991, 19.0958,
11.1232

■ 34.0553, 27.9563,
23.1670

■ 25.9651, 16.1264,
7.0587

■ 38.1697, 33.9836,
31.3256

■ 24.5233, 14.0266,
4.1617


■ 43.0630, 41.1562,
41.0152


■ 23.6102, 12.7023,
2.3094


■ 48.7725, 49.5292,
52.3086


■ 23.1435, 12.0303,
1.3483

■ 55.3330, 59.1541,
65.2739

 23.0376, 11.8750,
1.1391

 62.7775, 70.0792,
79.9751

 71.1369, 82.3506,
96.4730

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



31.5213, 23.0141, 27.8638



30.6791, 23.0141, 16.4609



27.3436, 23.0141, 10.0560

Triad

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



30.6791, 23.0141, 16.4609



15.6842, 23.0141, 13.1662



20.9426, 23.0141, 58.1297

Complementary

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



30.6791, 23.0141, 16.4609



35.7570, 46.9218, 59.3997

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.



17.1876, 23.0141, 50.4128



30.6791, 23.0141, 16.4609



14.4286, 23.0141, 22.4480

Square

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



30.6791, 23.0141, 16.4609



18.6195, 23.0141, 8.6541



14.9392, 23.0141, 36.2246



25.4876, 23.0141, 54.8506

Rectangle

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



30.6791, 23.0141, 16.4609



24.3701, 23.0141, 8.1390



14.9392, 23.0141, 36.2246



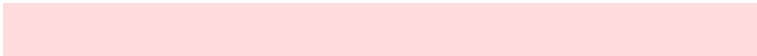
19.5548, 23.0141, 56.6705

Sweetspot

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



30.6797, 23.0153, 16.4613



79.5266, 77.2304, 78.2079



37.7567, 25.7999, 55.8132



16.5677, 15.8644, 15.8408



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.



30.6797, 23.0153, 16.4613



50.0790, 34.1016, 19.7863



36.3980, 34.5342, 18.1136



10.6385, 10.6388, 11.0794



15.1549, 7.8115, 0.7597



0.7192, 0.3705, 0.0447

Inverse Universe

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



30.6797, 23.0153, 16.4613



50.0790, 34.1016, 19.7863



27.2199, 29.6657, 57.1147



10.6385, 10.6388, 11.0794



15.1549, 7.8115, 0.7597



0.7192, 0.3705, 0.0447

Previews

White Background



This preview shows how the XYZ color 30.6791, 23.0141, 16.4609 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 30.6791, 23.0141, 16.4609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

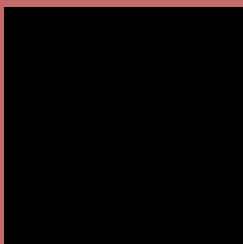
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6791, 23.0141, 16.4609

Background



This preview shows how black text looks on a background with the XYZ color 30.6791, 23.0141, 16.4609.



This preview shows how white text looks on a background with the XYZ color 30.6791, 23.0141,

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

30.6791, 23.0141, 16.4609

Protanopia

22.0623, 23.2377, 20.7753

Deuteranopia

23.5052, 23.1066, 15.7915



Tritanopia

30.9009, 22.9408, 18.1286

Trichromacy



Original Color

30.6791, 23.0141, 16.4609

Protanomaly

24.2949, 22.5049, 18.9830

Deuteranomaly

25.6226, 22.7190, 15.8667

Tritanomaly

30.7907, 22.8967, 17.5485

Monochromacy



Original Color

30.6791, 23.0141, 16.4609

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 30.6791, 23.0141, 16.4609 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(197, 105, 106)` looks like.

```
.text, #text, p{  
    color:rgb(197, 105, 106)  
}
```

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(197, 105, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 105, 106) }
```

Border

The CSS property to change the border of an element to XYZ 30.6791, 23.0141, 16.4609 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(197, 105, 106) }
```


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

```
.border{ border-color:rgb(197, 105, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 105, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 105, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 105, 106);  
box-shadow:4px 4px 4px 4px rgb(197, 105,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6791, 23.0141, 16.4609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 105, 106) }
```

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

```
.background{ background-color: rgb(197,  
105, 106) }
```

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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