

Converting Colors

XYZ(30.6199, 20.1078, 15.8264)

Have a look what the booklet for
XYZ(30.6199, 20.1078, 15.8264)
contains.

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Color

**XYZ(30.5966, 20.0645,
15.8959)**

Conversions

Conversions Part 1

Format	Color
Hex	CC536A
RGB	204, 83, 106
RGB Percent	80%, 33%, 42%
CMY	0.2000, 0.6745, 0.5843
CMYK	0.00, 0.59, 0.48, 0.20
HSL	349°, 54%, 56%
HSV	349°, 59%, 80%
XYZ	30.5966, 20.0645, 15.8959
YIQ	121.8010, 64.7330, 32.8050

Conversions

Conversions Part 2

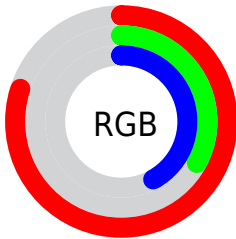
Format	Color
R_{YB}	204, 83, 106
Decimal	13390698
CIE _{Lab}	51.91, 49.96, 11.78
CIE _{LCh}	52, 51.328, 13.263
Yxy	20.0645, 0.4597, 0.3015
Android (android.graphics.Color)	4291580778 (0xFFCC536A)
YUV	121.8010, -7.7899, 72.0885
Hunter-Lab	44.7934, 43.5378, 10.3151

Details

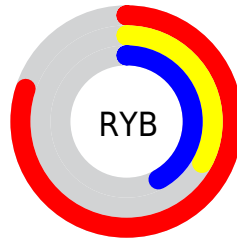
The XYZ color **30.5966, 20.0645, 15.8959** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted rose. A complement of this color would be **33.5019, 48.3614, 51.2884**, and the grayscale version is **18.4444, 19.4049, 21.1320**.

A 20% lighter version of the original color is **56.2715, 41.5856, 36.9593**, and **12.8141, 7.0308, 4.8194** is the 20% darker color. If you saturate the color by 10%, you get **28.4809, 17.0783, 11.3520**, and if you desaturate by 10%, it is **33.3380, 24.0372, 21.4655**.

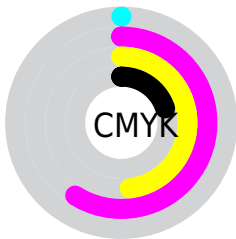
Distribution



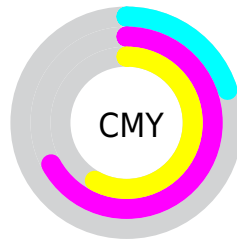
- Red (80%)
- Green (33%)
- Blue (42%)



- Red (80%)
- Yellow (33%)
- Blue (42%)



- Cyan (0%)
- Magenta (59%)
- Yellow (48%)
- Black (20%)




- Cyan (20%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5966, 20.0645, 15.8959 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 30.5966, 20.0645, 15.8959 by changing the saturation by 10% instead.

 30.5966, 20.0645,
15.8959


 30.5966, 20.0645,
15.8959


296.5357,
252.2641, 240.5514


 20.4422, 12.4419,
9.2970


 59.9846, 43.5253,
37.1817


 12.8270, 7.0454,
4.8359


 79.9488, 60.1323,
52.7056


 7.3857, 3.4905,
2.0943


 103.9138, 80.5030,
72.0415

 3.7529, 1.3929,
0.6124

 132.2447,
105.0216, 95.6081

 1.5633, 0.2115,
0.0000

 165.3070,
134.0726, 123.8239

 0.3683, 0.0000,
0.0000

203.4660,

 0.0000, 0.0000,

168.0405, 157.1073

0.0000

247.0872,
207.3095, 195.8769

■ 30.5966, 20.0645,
15.8959

■ 30.5966, 20.0645,
15.8959

■ 28.4809, 17.0783,
11.3520

■ 33.3380, 24.0372,
21.4655

■ 26.9382, 14.9884,
7.7687

■ 36.7489, 29.0698,
28.1183

■ 25.9094, 13.6936,
5.0745

■ 40.8708, 35.2324,
35.9084

■ 25.2985, 13.0204,
3.1791

■ 45.7415, 42.5883,
44.8863

■ 25.2641, 12.9823,
3.0736

■ 51.3959, 51.1957,
55.0991

■ 57.8669, 61.1095,
66.5915

■ 65.1853, 72.3811,
79.4059

■ 73.3805, 85.0589,
93.5827

■ 78.6649, 91.5586,
107.8890

Harmonies

Analogous

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



30.3814, 20.0645, 31.2092



30.5966, 20.0645, 15.8959



27.3488, 20.0645, 7.4793

Triad

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



30.5966, 20.0645, 15.8959



12.9884, 20.0645, 6.8927



16.3251, 20.0645, 62.5279

Complementary

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



30.5966, 20.0645, 15.8959



33.5019, 48.3614, 51.2884

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.



12.6583, 20.0645, 48.0463



30.5966, 20.0645, 15.8959



10.9865, 20.0645, 14.5735

Square

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



30.5966, 20.0645, 15.8959



16.8604, 20.0645, 4.1170



10.8779, 20.0645, 29.1237



21.4662, 20.0645, 63.4409

Rectangle

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



30.5966, 20.0645, 15.8959



23.9495, 20.0645, 4.9222



10.8779, 20.0645, 29.1237



14.9040, 20.0645, 58.8630

Sweetspot

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



30.5971, 20.0656, 15.8962



76.6967, 71.9627, 76.0560



32.7690, 20.2267, 59.3035



15.8702, 14.5751, 15.2824



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.



30.5971, 20.0656, 15.8962



46.4112, 27.2412, 17.0990



33.0966, 26.7283, 11.5998



11.2980, 11.2479, 12.1038



15.9275, 8.1816, 2.0708



0.8484, 0.4328, 0.2476

Inverse Universe

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



30.5971, 20.0656, 15.8962



46.4112, 27.2412, 17.0990



28.4146, 34.0943, 62.2098



11.2980, 11.2479, 12.1038



15.9275, 8.1816, 2.0708



0.8484, 0.4328, 0.2476

Previews

White Background



This preview shows how the XYZ color 30.5966, 20.0645, 15.8959 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 30.5966, 20.0645, 15.8959 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 30.5966, 20.0645, 15.8959

Background



This preview shows how black text looks on a background with the XYZ color 30.5966, 20.0645, 15.8959.



This preview shows how white text looks on a background with the XYZ color 30.5966, 20.0645,

15.8959.

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

30.5966, 20.0645, 15.8959

Protanopia

19.6426, 20.3832, 22.9778

Deuteranopia

20.5741, 20.1335, 14.8584



Tritanopia

29.8447, 20.1074, 12.2057

Trichromacy



Original Color

30.5966, 20.0645, 15.8959

Protanomaly

22.1248, 19.1392, 19.9809

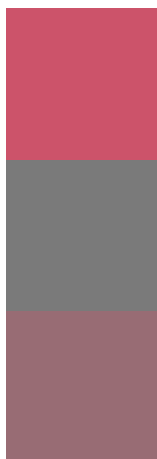
Deuteranomaly

23.2782, 19.3744, 15.0831

Tritanomaly

29.9884, 20.0380, 13.3535

Monochromacy



Original Color

30.5966, 20.0645, 15.8959

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.4638, 18.6615, 18.9938

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5966, 20.0645, 15.8959 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(204, 83, 106)` looks like.

```
.text, #text, p{  
    color:rgb(204, 83, 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(204, 83, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 83, 106) }
```

Border

The CSS property to change the border of an element to XYZ 30.5966, 20.0645, 15.8959 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(204, 83, 106) }
```


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

```
.border{ border-color:rgb(204, 83, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 83, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 83, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 83, 106);  
box-shadow:4px 4px 4px 4px rgb(204, 83,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5966, 20.0645, 15.8959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 83, 106) }
```

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

```
.background{ background-color: rgb(204, 83,  
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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