

Converting Colors

XYZ(23.8595, 16.3065, 14.9484)

Have a look what the booklet for
XYZ(23.8595, 16.3065, 14.9484)
contains.

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Color

**XYZ(23.9578, 16.3205,
14.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	B35068
RGB	179, 80, 104
RGB Percent	70%, 31%, 41%
CMY	0.2980, 0.6863, 0.5922
CMYK	0.00, 0.55, 0.42, 0.30
HSL	345°, 39%, 51%
HSV	345°, 55%, 70%
XYZ	23.9578, 16.3205, 14.9842
YIQ	112.3370, 51.3000, 28.4520

Conversions

Conversions Part 2

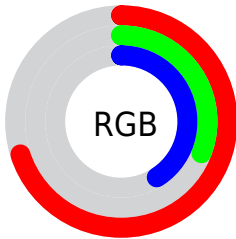
Format	Color
RYB	179, 80, 104
Decimal	11751528
CIELab	47.39, 42.60, 6.04
CIELCh	47, 43.028, 8.069
Yxy	16.3205, 0.4335, 0.2953
Android (android.graphics.Color)	4289941608 (0xFFB35068)
YUV	112.3370, -4.1101, 58.4635
Hunter-Lab	40.3986, 35.1591, 6.2879

Details

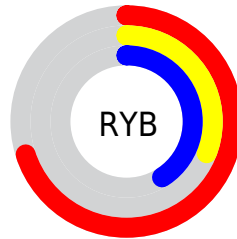
The XYZ color **23.9578, 16.3205, 14.9842** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.3457, 36.3127, 36.6857**, and the grayscale version is **15.5018, 16.3091, 17.7606**.

A 20% lighter version of the original color is **49.5638, 37.3188, 35.6013**, and **9.1565, 5.2168, 4.3952** is the 20% darker color. If you saturate the color by 10%, you get **22.1830, 13.7862, 11.2630**, and if you desaturate by 10%, it is **26.1933, 19.5990, 19.4058**.

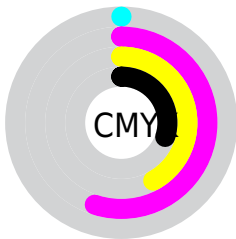
Distribution



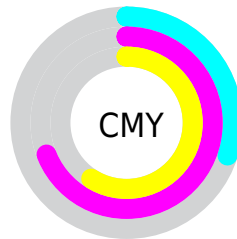
- Red (70%)
- Green (31%)
- Blue (41%)



- Red (70%)
- Yellow (31%)
- Blue (41%)



- Cyan (0%)
- Magenta (55%)
- Yellow (42%)
- Black (30%)





- Cyan (30%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9578, 16.3205, 14.9842 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 23.9578, 16.3205, 14.9842 by changing the saturation by 10% instead.

 23.9578, 16.3205,
14.9842


 23.9578, 16.3205,
14.9842


265.0515,
231.2256, 234.9081


 15.4269, 9.7512,
8.6618


 49.4165, 37.1537,
35.5674


 9.2078, 5.2343,
4.4275


 67.0750, 52.1865,
50.6652


 4.9352, 2.3854,
1.8627

 88.5067, 70.8091,
69.5253

 2.2436, 0.8184,
0.4688

 114.0771, 93.4062,
92.5661

 0.7656, 0.0000,
0.0000

 144.1514,
120.3619, 120.2063

 0.0000, 0.0000,
0.0000

179.0950,

152.0608, 152.8643

219.2732,
188.8872, 190.9587

■ 23.9578, 16.3205,
14.9842

■ 23.9578, 16.3205,
14.9842

■ 22.1830, 13.7862,
11.2630

■ 26.1933, 19.5990,
19.4058

■ 20.8341, 11.9345,
8.2042

■ 28.9185, 23.6718,
24.5615

■ 19.8727, 10.6986,
5.7668

■ 32.1614, 28.5873,
30.4835

■ 19.2521, 9.9944,
3.9045

■ 35.9475, 34.3895,
37.2020

■ 19.0336, 9.7610,
3.2038

■ 40.3005, 41.1193,
44.7454

■ 45.2428, 48.8151,
53.1407

■ 50.7956, 57.5130,
62.4138

■ 56.9788, 67.2473,
72.5894

■ 63.8116, 78.0508,
83.6910

Harmonies

Analogous

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



23.3513, 16.3205, 26.8179



23.9578, 16.3205, 14.9842



22.0262, 16.3205, 7.7165

Triad

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



23.9578, 16.3205, 14.9842



11.4181, 16.3205, 5.8394



12.9329, 16.3205, 45.2140

Complementary

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



23.9578, 16.3205, 14.9842



25.3457, 36.3127, 36.6857

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.



10.4286, 16.3205, 34.1067



23.9578, 16.3205, 14.9842



9.6589, 16.3205, 11.0277

Square

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



23.9578, 16.3205, 14.9842



14.5061, 16.3205, 4.0378



9.3290, 16.3205, 20.8819



16.5636, 16.3205, 47.7016

Rectangle

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



23.9578, 16.3205, 14.9842



19.7198, 16.3205, 5.2469



9.3290, 16.3205, 20.8819



11.9501, 16.3205, 42.1956

Sweetspot

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



23.9582, 16.3214, 14.9845



62.9570, 59.4002, 64.1258



24.3801, 15.8875, 44.4295



13.6424, 12.6907, 13.6673



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.9582, 16.3214, 14.9845



39.2370, 24.0027, 19.0939



25.0652, 20.2161, 10.1715



8.5780, 8.5379, 9.2763



13.4721, 6.9064, 2.3803



0.4472, 0.2266, 0.1977

Inverse Universe

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



23.9582, 16.3214, 14.9845



39.2370, 24.0027, 19.0939



23.0426, 28.1547, 46.8678



8.5780, 8.5379, 9.2763



13.4721, 6.9064, 2.3803



0.4472, 0.2266, 0.1977

Previews

White Background



This preview shows how the XYZ color 23.9578, 16.3205, 14.9842 looks on a white background.

Color Contrast Check

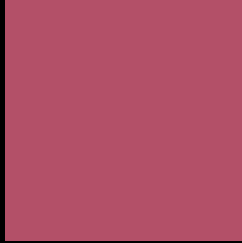
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 23.9578, 16.3205, 14.9842 looks on a black 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

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

XYZ 23.9578, 16.3205, 14.9842

Background



This preview shows how black text looks on a background with the XYZ color 23.9578, 16.3205, 14.9842.



This preview shows how white text looks on a background with the XYZ color 23.9578, 16.3205,

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

23.9578, 16.3205, 14.9842

Protanopia

15.9891, 16.4382, 20.7425

Deuteranopia

16.7740, 16.5053, 14.1061



Tritanopia

23.2565, 16.3728, 11.3857

Trichromacy



Original Color

23.9578, 16.3205, 14.9842

Protanomaly

17.8050, 15.5864, 18.2897

Deuteranomaly

18.7493, 15.8780, 14.3885

Tritanomaly

23.3978, 16.3077, 12.5042

Monochromacy



Original Color

23.9578, 16.3205, 14.9842

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.4708, 15.4527, 16.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9578, 16.3205, 14.9842 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(179, 80, 104)` looks like.

```
.text, #text, p{  
    color:rgb(179, 80, 104)  
}
```

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(179, 80, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 80, 104) }
```

Border

The CSS property to change the border of an element to XYZ 23.9578, 16.3205, 14.9842 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(179, 80, 104) }
```


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

```
.border{ border-color:rgb(179, 80, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 80, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 80, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 80, 104);  
box-shadow:4px 4px 4px 4px rgb(179, 80,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9578, 16.3205, 14.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 80, 104) }
```

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

```
.background{ background-color: rgb(179, 80,  
104) }
```

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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