

Converting Colors

XYZ(24.0906, 16.8775, 17.8598)

Have a look what the booklet for
XYZ(24.0906, 16.8775, 17.8598)
contains.

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Color

**XYZ(24.1903, 16.9420,
17.9148)**

Conversions

Conversions Part 1

Format	Color
Hex	B05572
RGB	176, 85, 114
RGB Percent	69%, 33%, 45%
CMY	0.3098, 0.6666, 0.5529
CMYK	0.00, 0.52, 0.35, 0.31
HSL	341°, 37%, 51%
HSV	341°, 52%, 69%
XYZ	24.1903, 16.9420, 17.9148
YIQ	115.5150, 44.9270, 28.3110

Conversions

Conversions Part 2

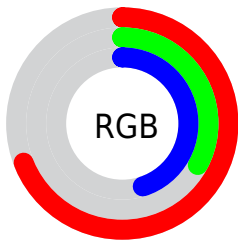
Format	Color
RYB	176, 85, 114
Decimal	11556210
CIELab	48.19, 40.20, 1.07
CIElCh	48, 40.209, 1.531
Yxy	16.9420, 0.4097, 0.2869
Android (android.graphics.Color)	4289746290 (0xFFB05572)
YUV	115.5150, -0.7469, 53.0453
Hunter-Lab	41.1607, 32.8741, 3.0070

Details

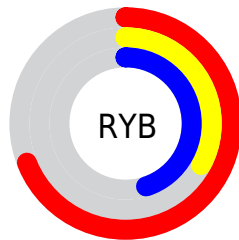
The XYZ color **24.1903, 16.9420, 17.9148** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.5390, 35.0890, 33.0852**, and the grayscale version is **16.4454, 17.3018, 18.8417**.

A 20% lighter version of the original color is **49.7603, 38.1369, 40.8149**, and **9.3011, 5.5305, 5.7315** is the 20% darker color. If you saturate the color by 10%, you get **22.3346, 14.2523, 14.1465**, and if you desaturate by 10%, it is **26.4810, 20.3584, 22.2700**.

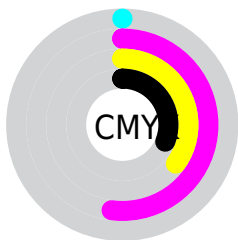
Distribution



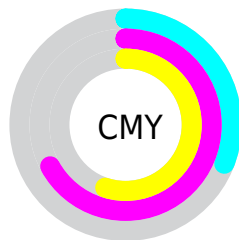
- Red (69%)
- Green (33%)
- Blue (45%)



- Red (69%)
- Yellow (33%)
- Blue (45%)



- Cyan (0%)
- Magenta (52%)
- Yellow (35%)
- Black (31%)



- Cyan (31%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1903, 16.9420, 17.9148 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 24.1903, 16.9420, 17.9148 by changing the saturation by 10% instead.

■ 24.1903, 16.9420,
17.9148

■ 24.1903, 16.9420,
17.9148

266.2038,
234.8379, 252.6103

■ 15.6003, 10.1931,
10.7200

■ 49.7930, 38.2260,
40.7041

■ 9.3308, 5.5272,
5.7671

■ 67.5364, 53.5300,
57.1356

■ 5.0164, 2.5598,
2.6375

■ 89.0617, 72.4544,
77.4832

■ 2.2918, 0.9065,
0.9117

■ 114.7343, 95.3838,
102.1654

■ 0.7904, 0.0000,
0.0000

■ 144.9194,
122.7024, 131.6006

■ 0.0000, 0.0000,
0.0000

179.9825,

154.7947, 166.2075

220.2888,
192.0451, 206.4046

■ 24.1903, 16.9420,
17.9148

■ 24.1903, 16.9420,
17.9148

■ 22.3346, 14.2523,
14.1465

■ 26.4810, 20.3584,
22.2700

■ 20.8830, 12.2332,
10.9373

■ 29.2320, 24.5470,
27.2361

■ 19.8027, 10.8247,
8.2582

■ 32.4682, 29.5525,
32.8370

■ 19.0542, 9.9545,
6.0766

■ 36.2122, 35.4154,
39.0947

■ 18.6204, 9.5165,
4.6074

■ 40.4852, 42.1737,
46.0303

■ 45.3071, 49.8629,
53.6638

■ 50.6970, 58.5166,
62.0145

■ 56.6728, 68.1669,
71.1008

■ 63.2516, 78.8442,
80.9405

Harmonies

Analogous

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



23.0969, 16.9420, 29.7875



24.1903, 16.9420, 17.9148



22.8591, 16.9420, 9.8030

Triad

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



24.1903, 16.9420, 17.9148



12.7032, 16.9420, 6.0681



12.9827, 16.9420, 42.3697

Complementary

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



24.1903, 16.9420, 17.9148



24.5390, 35.0890, 33.0852

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.



10.8293, 16.9420, 31.0870



24.1903, 16.9420, 17.9148



10.6859, 16.9420, 10.4264

Square

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



24.1903, 16.9420, 17.9148



15.9160, 16.9420, 4.7634



10.0547, 16.9420, 18.9896



16.2912, 16.9420, 46.7315

Rectangle

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



24.1903, 16.9420, 17.9148



20.8773, 16.9420, 6.7577



10.0547, 16.9420, 18.9896



12.1182, 16.9420, 39.0932

Sweetspot

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



24.1908, 16.9429, 17.9151



62.4511, 59.1659, 65.5582



22.8806, 15.7131, 42.9014



13.2423, 12.3655, 13.7188



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.1908, 16.9429, 17.9151



40.1008, 25.2719, 24.7924



24.1180, 19.0333, 10.9980



8.6042, 8.5484, 9.4144



13.6861, 6.9920, 3.5068



0.4579, 0.2309, 0.2538

Inverse Universe

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



24.1908, 16.9429, 17.9151



40.1008, 25.2719, 24.7924



24.2992, 30.4980, 45.6805



8.6042, 8.5484, 9.4144



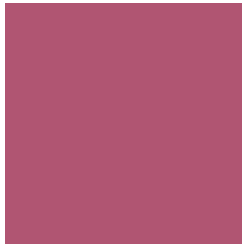
13.6861, 6.9920, 3.5068



0.4579, 0.2309, 0.2538

Previews

White Background



This preview shows how the XYZ color 24.1903, 16.9420, 17.9148 looks on a white background.

Color Contrast Check

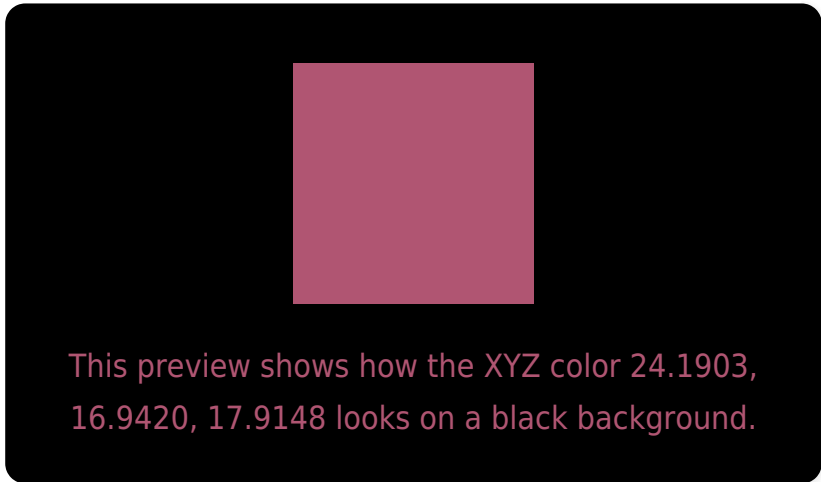
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 24.1903, 16.9420, 17.9148

Background



This preview shows how black text looks on a background with the XYZ color 24.1903, 16.9420, 17.9148.



This preview shows how white text looks on a background with the XYZ color 24.1903, 16.9420,

17.9148.

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

24.1903, 16.9420, 17.9148

Protanopia

16.7961, 17.1181, 23.8916

Deuteranopia

17.4010, 17.0839, 17.1322



Tritanopia

23.0935, 16.9697, 12.8848

Trichromacy



Original Color

24.1903, 16.9420, 17.9148

Protanomaly

18.5436, 16.3321, 21.5771

Deuteranomaly

19.2977, 16.6702, 17.2395

Tritanomaly

23.5672, 17.0527, 14.6197

Monochromacy



Original Color

24.1903, 16.9420, 17.9148

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.6273, 16.7442, 18.4698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1903, 16.9420, 17.9148 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(176, 85, 114)` looks like.

```
.text, #text, p{  
    color:rgb(176, 85, 114)  
}
```

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(176, 85, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 85, 114) }
```

Border

The CSS property to change the border of an element to XYZ 24.1903, 16.9420, 17.9148 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(176, 85, 114) }
```


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

```
.border{ border-color:rgb(176, 85, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 85, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 85, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 85, 114);  
box-shadow:4px 4px 4px 4px rgb(176, 85,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1903, 16.9420, 17.9148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 85, 114) }
```

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

```
.background{ background-color: rgb(176, 85,  
114) }
```

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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