

Converting Colors

XYZ(24.8249, 17.5941, 19.6131)

Have a look what the booklet for
XYZ(24.8249, 17.5941, 19.6131)
contains.

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Color

**XYZ(24.7240, 17.5415,
19.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	B05877
RGB	176, 88, 119
RGB Percent	69%, 35%, 47%
CMY	0.3098, 0.6549, 0.5333
CMYK	0.00, 0.50, 0.32, 0.31
HSL	339°, 36%, 52%
HSV	339°, 50%, 69%
XYZ	24.7240, 17.5415, 19.5355
YIQ	117.8460, 42.4970, 28.2970

Conversions

Conversions Part 2

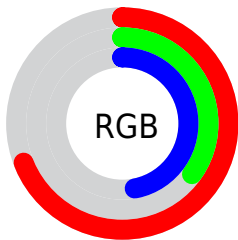
Format	Color
R_{YB}	176, 88, 119
Decimal	11556983
CIE _{Lab}	48.94, 39.28, -0.85
CIE _{LCh}	49, 39.292, 358.768
Yxy	17.5415, 0.4001, 0.2838
Android (android.graphics.Color)	4289747063 (0xFFB05877)
YUV	117.8460, 0.5689, 51.0011
Hunter-Lab	41.8826, 32.0771, 1.6629

Details

The XYZ color **24.7240, 17.5415, 19.5355** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.6616, 35.1702, 32.2788**, and the grayscale version is **17.1613, 18.0550, 19.6619**.

A 20% lighter version of the original color is **50.6605, 39.1889, 43.4222**, and **9.6841, 5.8430, 6.5786** is the 20% darker color. If you saturate the color by 10%, you get **22.8056, 14.7355, 15.7182**, and if you desaturate by 10%, it is **27.0742, 21.0795, 23.9023**.

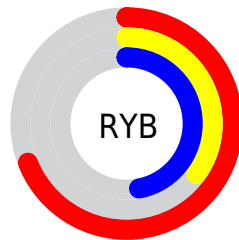
Distribution



Red (69%)

Green (35%)

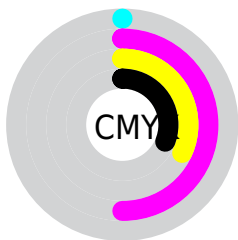
Blue (47%)



Red (69%)

Yellow (35%)

Blue (47%)

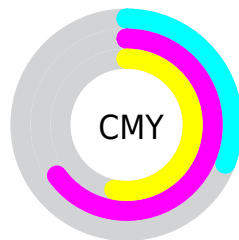


Cyan (0%)

Magenta (50%)

Yellow (32%)

Black (31%)



Cyan (31%)

Magenta (65%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7240, 17.5415, 19.5355 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 24.7240, 17.5415, 19.5355 by changing the saturation by 10% instead.

■ 24.7240, 17.5415,
19.5355

■ 24.7240, 17.5415,
19.5355

268.8337,
238.2739, 261.9098

■ 15.9992, 10.6213,
11.8771

■ 50.6552, 39.2545,
43.4857

■ 9.6144, 5.8128,
6.5385

■ 68.5924, 54.8161,
60.6146

■ 5.2044, 2.7316,
3.1012

■ 90.3310, 74.0269,
81.7375

■ 2.4036, 0.9933,
1.1465

■ 116.2364, 97.2714,
107.2729

■ 0.8469, 0.0000,
0.0000

146.6741,
124.9340, 137.6392

■ 0.0000, 0.0000,
0.0000

182.0093,

157.3990, 173.2551

222.6074,
195.0508, 214.5392

■ 24.7240, 17.5415,
19.5355

■ 24.7240, 17.5415,
19.5355

■ 22.8056, 14.7355,
15.7182

■ 27.0742, 21.0795,
23.9023

■ 21.2893, 12.6068,
12.4258

■ 29.8806, 25.3941,
28.8399

■ 20.1433, 11.0970,
9.6327

■ 33.1672, 30.5291,
34.3693

■ 19.3303, 10.1364,
7.3105

■ 36.9561, 36.5246,
40.5103

■ 18.7740, 9.5780,
5.4163

■ 41.2677, 43.4177,
47.2816

■ 18.7738, 9.5778,
5.4158

■ 46.1216, 51.2435,
54.7010

■ 51.5360, 60.0353,
62.7858

■ 57.5285, 69.8245,
71.5524

■ 64.1158, 80.6414,
81.0168

Harmonies

Analogous

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



23.4262, 17.5415, 31.5392



24.7240, 17.5415, 19.5355



23.6161, 17.5415, 10.9645

Triad

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



24.7240, 17.5415, 19.5355



13.5166, 17.5415, 6.3391



13.2905, 17.5415, 41.9709

Complementary

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



24.7240, 17.5415, 19.5355



24.6616, 35.1702, 32.2788

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.



11.2440, 17.5415, 30.5041



24.7240, 17.5415, 19.5355



11.3606, 17.5415, 10.4551

Square

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



24.7240, 17.5415, 19.5355



16.8241, 17.5415, 5.2242



10.5918, 17.5415, 18.6705



16.5221, 17.5415, 47.0837

Rectangle

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



24.7240, 17.5415, 19.5355



21.7422, 17.5415, 7.6169



10.5918, 17.5415, 18.6705



12.4596, 17.5415, 38.5654

Sweetspot

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



24.7245, 17.5424, 19.5358



63.2919, 60.3190, 67.4672



22.7821, 16.0204, 42.9658



13.4157, 12.5971, 14.1317



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.



24.7245, 17.5424, 19.5358



41.0387, 26.2625, 27.8345



24.1983, 18.9990, 11.6255



8.6159, 8.5531, 9.4756



13.8002, 7.0376, 4.1079



0.4626, 0.2328, 0.2785

Inverse Universe

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



24.7245, 17.5424, 19.5358



41.0387, 26.2625, 27.8345



25.1849, 31.8563, 45.8958



8.6159, 8.5531, 9.4756



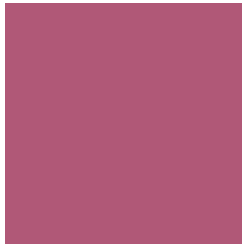
13.8002, 7.0376, 4.1079



0.4626, 0.2328, 0.2785

Previews

White Background



This preview shows how the XYZ color 24.7240, 17.5415, 19.5355 looks on a white background.

Color Contrast Check

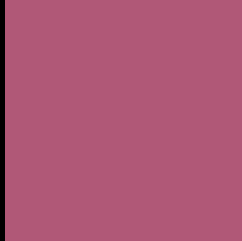
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7240, 17.5415, 19.5355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

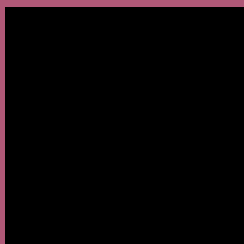
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7240, 17.5415, 19.5355

Background



This preview shows how black text looks on a background with the XYZ color 24.7240, 17.5415, 19.5355.



This preview shows how white text looks on a background with the XYZ color 24.7240, 17.5415,

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

24.7240, 17.5415, 19.5355

Protanopia

17.4994, 17.7791, 25.8019

Deuteranopia

18.0529, 17.7152, 18.6875



Tritanopia

23.4873, 17.5348, 13.7019

Trichromacy



Original Color

24.7240, 17.5415, 19.5355

Protanomaly

19.3366, 17.1540, 23.4110

Deuteranomaly

19.9568, 17.2726, 18.8051

Tritanomaly

24.0218, 17.6367, 15.7738

Monochromacy



Original Color

24.7240, 17.5415, 19.5355

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.1752, 17.3124, 19.4705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7240, 17.5415, 19.5355 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, 88, 119)` looks like.

```
.text, #text, p{  
    color:rgb(176, 88, 119)  
}
```

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, 88, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 88, 119) }
```

Border

The CSS property to change the border of an element to XYZ 24.7240, 17.5415, 19.5355 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, 88, 119) }
```


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

```
.border{ border-color:rgb(176, 88, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 88, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 88, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 88, 119);  
box-shadow:4px 4px 4px 4px rgb(176, 88,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7240, 17.5415, 19.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 88, 119) }
```

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

```
.background{ background-color: rgb(176, 88,  
119) }
```

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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