

Converting Colors

XYZ(25.4202, 17.6669, 19.2098)

Have a look what the booklet for
XYZ(25.4202, 17.6669, 19.2098)
contains.

XYZ(25.4202, 17.6669, 19.2098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4202, 17.6669,
19.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	B45676
RGB	180, 86, 118
RGB Percent	71%, 34%, 46%
CMY	0.2941, 0.6627, 0.5373
CMYK	0.00, 0.52, 0.34, 0.29
HSL	340°, 39%, 52%
HSV	340°, 52%, 71%
XYZ	25.4202, 17.6669, 19.2098
YIQ	117.7540, 45.7520, 29.8800

Conversions

Conversions Part 2

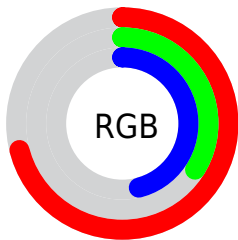
Format	Color
R_{YB}	180, 86, 118
Decimal	11818614
CIE _{Lab}	49.09, 41.59, 0.05
CIE _{LCh}	49, 41.586, 0.071
Yxy	17.6669, 0.4080, 0.2836
Android (android.graphics.Color)	4290008694 (0xFFB45676)
YUV	117.7540, 0.1213, 54.5897
Hunter-Lab	42.0320, 34.3975, 2.3252

Details

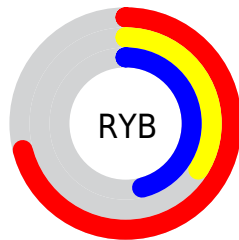
The XYZ color **25.4202, 17.6669, 19.2098** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.5052, 36.7595, 33.7701**, and the grayscale version is **17.1332, 18.0255, 19.6297**.

A 20% lighter version of the original color is **51.7482, 39.5447, 42.9357**, and **9.9897, 5.8713, 6.4011** is the 20% darker color. If you saturate the color by 10%, you get **23.4980, 14.8815, 15.3044**, and if you desaturate by 10%, it is **27.7941, 21.2134, 23.7043**.

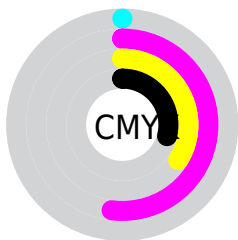
Distribution



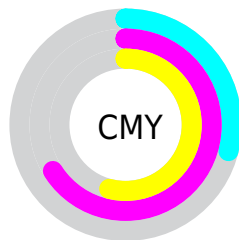
- Red (71%)
- Green (34%)
- Blue (46%)



- Red (71%)
- Yellow (34%)
- Blue (46%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (29%)





- Cyan (29%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4202, 17.6669, 19.2098 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 25.4202, 17.6669, 19.2098 by changing the saturation by 10% instead.


 25.4202, 17.6669,
19.2098


 25.4202, 17.6669,
19.2098


272.2333,
238.9868, 260.0658


 16.5208, 10.7111,
11.6436


 51.7761, 39.4689,
42.9297


 9.9866, 5.8729,
6.3819


 69.9633, 55.0839,
59.9206


 5.4523, 2.7680,
3.0062

 91.9771, 74.3541,
80.8900

 2.5525, 1.0118,
1.0978

 118.1830, 97.6639,
106.2567

 0.9218, 0.0000,
0.0000

 148.9461,
125.3976, 136.4390

 0.0000, 0.0000,
0.0000

184.6320,

157.9398, 171.8556

225.6060,
195.6747, 212.9250

■ 25.4202, 17.6669,
19.2098

■ 25.4202, 17.6669,
19.2098

■ 23.4980, 14.8815,
15.3044

■ 27.7941, 21.2134,
23.7043

■ 21.9951, 12.7977,
11.9606

■ 30.6461, 25.5691,
28.8116

■ 20.8766, 11.3517,
9.1498

■ 34.0024, 30.7815,
34.5552

■ 20.1011, 10.4662,
6.8396

■ 37.8867, 36.8935,
40.9570

■ 19.6720, 10.0432,
5.3549

■ 42.3211, 43.9451,
48.0378

■ 47.3266, 51.9739,
55.8174

■ 52.9230, 61.0154,
64.3147

■ 59.1290, 71.1034,
73.5481

■ 65.9627, 82.2700,
83.5351

Harmonies

Analogous

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



24.1299, 17.6669, 31.9998



25.4202, 17.6669, 19.2098



24.1181, 17.6669, 10.3875

Triad

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



25.4202, 17.6669, 19.2098



13.3214, 17.6669, 6.0302



13.3351, 17.6669, 44.3579

Complementary

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



25.4202, 17.6669, 19.2098



25.5052, 36.7595, 33.7701

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.



11.1234, 17.6669, 32.0642



25.4202, 17.6669, 19.2098



11.1164, 17.6669, 10.4179

Square

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



25.4202, 17.6669, 19.2098



16.7826, 17.6669, 4.7971



10.3771, 17.6669, 19.2627



16.8011, 17.6669, 49.5240

Rectangle

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



25.4202, 17.6669, 19.2098



22.0548, 17.6669, 7.0561



10.3771, 17.6669, 19.2627



12.4408, 17.6669, 40.7360

Sweetspot

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



25.4207, 17.6678, 19.2101



65.7229, 62.2010, 69.4110



23.6174, 16.1642, 45.0553



13.8980, 12.9607, 14.4959



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.



25.4207, 17.6678, 19.2101



42.0446, 26.1879, 26.5476



25.0696, 19.5097, 11.2497



8.6118, 8.5514, 9.4540



13.7585, 7.0210, 3.8883



0.4609, 0.2321, 0.2698

Inverse Universe

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



25.4207, 17.6678, 19.2101



42.0446, 26.1879, 26.5476



25.6947, 32.5104, 48.1009



8.6118, 8.5514, 9.4540



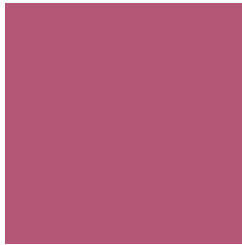
13.7585, 7.0210, 3.8883



0.4609, 0.2321, 0.2698

Previews

White Background



This preview shows how the XYZ color 25.4202, 17.6669, 19.2098 looks on a white background.

Color Contrast Check

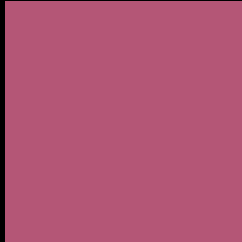
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.4202, 17.6669, 19.2098 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 25.4202, 17.6669, 19.2098

Background



This preview shows how black text looks on a background with the XYZ color 25.4202, 17.6669, 19.2098.



This preview shows how white text looks on a background with the XYZ color 25.4202, 17.6669,

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

25.4202, 17.6669, 19.2098

Protanopia

17.4994, 17.7791, 25.8019

Deuteranopia

18.1483, 17.7710, 18.3932



Tritanopia

24.1276, 17.6218, 13.1960

Trichromacy



Original Color

25.4202, 17.6669, 19.2098

Protanomaly

19.3306, 17.0065, 23.0326

Deuteranomaly

20.1575, 17.2342, 18.4838

Tritanomaly

24.6615, 17.7279, 15.2187

Monochromacy



Original Color

25.4202, 17.6669, 19.2098

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.4086, 17.2788, 19.4517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4202, 17.6669, 19.2098 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(180, 86, 118)` looks like.

```
.text, #text, p{  
    color:rgb(180, 86, 118)  
}
```

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(180, 86, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 86, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.4202, 17.6669, 19.2098 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(180, 86, 118) }
```


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

```
.border{ border-color:rgb(180, 86, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 86, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 86, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 86, 118);  
box-shadow:4px 4px 4px 4px rgb(180, 86,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4202, 17.6669, 19.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 86, 118) }
```

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

```
.background{ background-color: rgb(180, 86,  
118) }
```

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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