

Converting Colors

XYZ(25.6469, 17.6313, 20.7914)

Have a look what the booklet for
XYZ(25.6469, 17.6313, 20.7914)
contains.

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Color

**XYZ(25.6460, 17.6304,
20.7902)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B4557B |
| RGB | 180, 85, 123 |
| RGB Percent | 71%, 33%, 48% |
| CMY | 0.2941, 0.6666, 0.5176 |
| CMYK | 0.00, 0.53, 0.32, 0.29 |
| HSL | 336°, 39%, 52% |
| HSV | 336°, 53%, 71% |
| XYZ | 25.6460, 17.6304, 20.7902 |
| YIQ | 117.7370, 44.4220, 31.9580 |

Conversions

Conversions Part 2

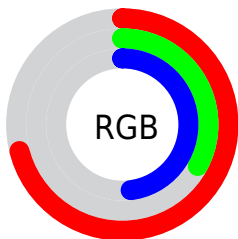
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 180, 85, 123 |
| Decimal | 11818363 |
| CIE Lab | 49.04, 42.73, -3.02 |
| CIE LCh | 49, 42.837, 355.955 |
| Yxy | 17.6304, 0.4003, 0.2752 |
| Android (android.graphics.Color) | 4290008443 (0xFFB4557B) |
| YUV | 117.7370, 2.5947, 54.6047 |
| Hunter-Lab | 41.9886, 35.5452, 0.0352 |

Details

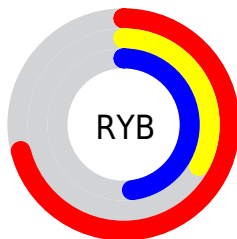
The XYZ color **25.6460, 17.6304, 20.7902** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.9509, 36.5272, 31.3286**, and the grayscale version is **17.1208, 18.0124, 19.6155**.

A 20% lighter version of the original color is **52.0862, 39.4492, 45.4267**, and **10.0921, 5.8672, 7.0791** is the 20% darker color. If you saturate the color by 10%, you get **23.7656, 14.8926, 17.0097**, and if you desaturate by 10%, it is **27.9624, 21.1206, 25.0845**.

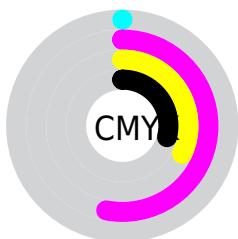
Distribution



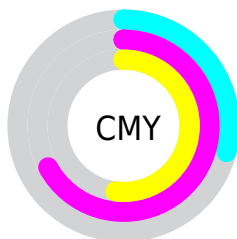
- Red (71%)
- Green (33%)
- Blue (48%)



- Red (71%)
- Yellow (33%)
- Blue (48%)



- Cyan (0%)
- Magenta (53%)
- Yellow (32%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.6460, 17.6304, 20.7902 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 25.6460, 17.6304, 20.7902 by changing the saturation by 10% instead.


 25.6460, 17.6304,
20.7902


 25.6460, 17.6304,
20.7902


273.3286,
238.7795, 268.9057


 16.6903, 10.6850,
12.7810


 52.1387, 39.4065,
45.6144


 10.1079, 5.8554,
7.1490


 70.4064, 55.0060,
63.2664

 5.5333, 2.7574,
3.4756

 92.5088, 74.2589,
84.9697

 2.6014, 1.0064,
1.3423

 118.8112, 97.5497,
111.1430

 0.9467, 0.0000,
0.0961

 149.6791,
125.2628, 142.2047

 0.0000, 0.0000,
0.0000

185.4777,

157.7825, 178.5734

226.5724,
195.4933, 220.6675

■ 25.6460, 17.6304,
20.7902

■ 25.6460, 17.6304,
20.7902

■ 23.7656, 14.8926,
17.0097

■ 27.9624, 21.1206,
25.0845

■ 22.2895, 12.8478,
13.7199

■ 30.7406, 25.4115,
29.9120

■ 21.1836, 11.4320,
10.8972

■ 34.0061, 30.5503,
35.2922

■ 20.4069, 10.5675,
8.5146

■ 37.7819, 36.5798,
41.2433

■ 19.9919, 10.1711,
7.0394

■ 42.0896, 43.5400,
47.7824

■ 46.9496, 51.4682,
54.9260

■ 52.3810, 60.3999,
62.6899

■ 58.4021, 70.3686,
71.0892

■ 65.0304, 81.4065,
80.1385

Harmonies

Analogous

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



23.9613, 17.6304, 34.3327



25.6460, 17.6304, 20.7902



24.6555, 17.6304, 11.0886

Triad

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



25.6460, 17.6304, 20.7902



13.6152, 17.6304, 5.4330



12.8144, 17.6304, 43.8014

Complementary

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



25.6460, 17.6304, 20.7902



24.9509, 36.5272, 31.3286

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.



10.7563, 17.6304, 30.5235



25.6460, 17.6304, 20.7902



11.1645, 17.6304, 9.3272

Square

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



25.6460, 17.6304, 20.7902



17.3048, 17.6304, 4.5525



10.2038, 17.6304, 17.6864



16.2212, 17.6304, 50.5618

Rectangle

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



25.6460, 17.6304, 20.7902



22.6844, 17.6304, 7.3287



10.2038, 17.6304, 17.6864



11.9644, 17.6304, 39.7470

Sweetspot

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



25.6465, 17.6313, 20.7905



66.0032, 62.3131, 70.8873



22.6429, 15.5442, 44.9868



13.9649, 12.9875, 14.8481



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.



25.6465, 17.6313, 20.7905



42.7030, 26.4513, 30.0150



24.5101, 18.4548, 10.8659



8.6325, 8.5597, 9.5631



13.9844, 7.1113, 5.0781



0.4692, 0.2354, 0.3136

Inverse Universe

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



25.6465, 17.6313, 20.7905



42.7030, 26.4513, 30.0150



26.4538, 34.1643, 48.3800



8.6325, 8.5597, 9.5631



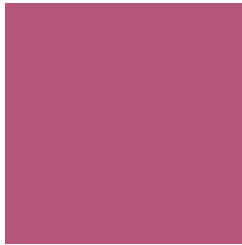
13.9844, 7.1113, 5.0781



0.4692, 0.2354, 0.3136

Previews

White Background



This preview shows how the XYZ color 25.6460, 17.6304, 20.7902 looks on a white background.

Color Contrast Check

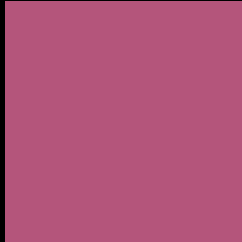
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6460, 17.6304, 20.7902 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 25.6460, 17.6304, 20.7902

Background



This preview shows how black text looks on a background with the XYZ color 25.6460, 17.6304, 20.7902.



This preview shows how white text looks on a background with the XYZ color 25.6460, 17.6304,

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

25.6460, 17.6304, 20.7902

Protanopia

17.7589, 17.8535, 28.4967

Deuteranopia

18.0772, 17.7075, 19.6046



Tritanopia

24.1739, 17.6404, 13.4401

Trichromacy



Original Color

25.6460, 17.6304, 20.7902

Protanomaly

19.6489, 17.1150, 25.5605

Deuteranomaly

20.2730, 17.2596, 20.0322

Tritanomaly

24.6816, 17.6038, 15.7327

Monochromacy



Original Color

25.6460, 17.6304, 20.7902

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.5287, 17.3269, 20.0844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6460, 17.6304, 20.7902 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, 85, 123)` looks like.

```
.text, #text, p{  
    color:rgb(180, 85, 123)  
}
```

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, 85, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 85, 123) }
```

Border

The CSS property to change the border of an element to XYZ 25.6460, 17.6304, 20.7902 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, 85, 123) }
```


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

```
.border{ border-color:rgb(180, 85, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 85, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 85, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 85, 123);  
box-shadow:4px 4px 4px 4px rgb(180, 85,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6460, 17.6304, 20.7902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 85, 123) }
```

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

```
.background{ background-color: rgb(180, 85,  
123) }
```

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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