

Converting Colors

XYZ(25.7886, 19.8058, 14.5425)

Have a look what the booklet for
XYZ(25.7886, 19.8058, 14.5425)
contains.

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Color

**XYZ(25.6798, 19.7377,
14.5129)**

Conversions

Conversions Part 1

Format	Color
Hex	B46464
RGB	180, 100, 100
RGB Percent	71%, 39%, 39%
CMY	0.2941, 0.6078, 0.6078
CMYK	0.00, 0.44, 0.44, 0.29
HSL	0°, 35%, 55%
HSV	0°, 44%, 71%
XYZ	25.6798, 19.7377, 14.5129
YIQ	123.9200, 47.6800, 16.9600

Conversions

Conversions Part 2

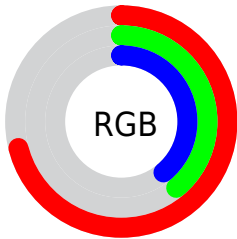
Format	Color
R_{YB}	180, 100, 100
Decimal	11822180
CIE Lab	51.54, 32.12, 14.28
CIE LCh	52, 35.152, 23.975
Yxy	19.7377, 0.4285, 0.3293
Android (android.graphics.Color)	4290012260 (0xFFB46464)
YUV	123.9200, -11.7926, 49.1822
Hunter-Lab	44.4271, 25.4292, 11.7309

Details

The XYZ color **25.6798, 19.7377, 14.5129** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.8142, 38.6455, 49.0679**, and the grayscale version is **19.1589, 20.1567, 21.9506**.

A 20% lighter version of the original color is **52.0740, 42.8680, 34.8079**, and **10.1386, 6.9098, 4.1675** is the 20% darker color. If you saturate the color by 10%, you get **23.3631, 16.3480, 9.9069**, and if you desaturate by 10%, it is **28.5713, 23.9691, 20.2604**.

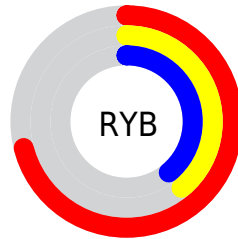
Distribution



Red (71%)

Green (39%)

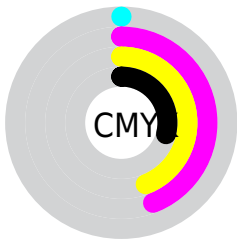
Blue (39%)



Red (71%)

Yellow (39%)

Blue (39%)

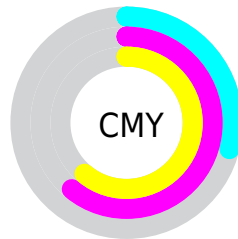


Cyan (0%)

Magenta (44%)

Yellow (44%)

Black (29%)



Cyan (29%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6798, 19.7377, 14.5129 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 25.6798, 19.7377, 14.5129 by changing the saturation by 10% instead.

■ 25.6798, 19.7377,
14.5129

■ 25.6798, 19.7377,
14.5129

273.4923,
250.4916, 231.9370

■ 16.7157, 12.2045,
8.3354

■ 52.1929, 42.9770,
34.7265

■ 10.1260, 6.8831,
4.2195

■ 70.4726, 59.4519,
49.5997

■ 5.5455, 3.3891,
1.7465

■ 92.5882, 79.6761,
68.2086

■ 2.6088, 1.3381,
0.3923

■ 118.9051,
104.0341, 90.9717

■ 0.9504, 0.1704,
0.0000

149.7886,
132.9103, 118.3076

■ 0.0000, 0.0000,
0.0000

185.6041,

166.6890, 150.6347

226.7168,
205.7546, 188.3717

■ 25.6798, 19.7377,
14.5129

■ 25.6798, 19.7377,
14.5129

■ 23.3631, 16.3480,
9.9069

■ 28.5713, 23.9691,
20.2604

■ 21.5816, 13.7410,
6.3654

■ 32.0710, 29.0901,
27.2175

■ 20.2928, 11.8551,
3.8036


■ 36.2111, 35.1483,
35.4480


■ 19.4474, 10.6180,
2.1232


■ 41.0216, 42.1874,
45.0111


■ 18.9858, 9.9425,
1.2056


■ 46.5302, 50.2481,
55.9621

 18.8225, 9.7035,
0.8809

 52.7634, 59.3688,
68.3535

 59.7459, 69.5862,
82.2346

 67.5016, 80.9349,
97.6529

 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



26.3624, 19.7377, 23.5991



25.6798, 19.7377, 14.5129



23.0475, 19.7377, 9.2806

Triad

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



25.6798, 19.7377, 14.5129



13.7832, 19.7377, 11.9564



18.0558, 19.7377, 47.2380

Complementary

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



25.6798, 19.7377, 14.5129



29.8142, 38.6455, 49.0679

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.



15.0404, 19.7377, 41.3874



25.6798, 19.7377, 14.5129



12.7809, 19.7377, 19.5124

Square

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



25.6798, 19.7377, 14.5129



16.1319, 19.7377, 8.1618



13.2106, 19.7377, 30.4093



21.6592, 19.7377, 44.6304

Rectangle

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



25.6798, 19.7377, 14.5129



20.6993, 19.7377, 7.6873



13.2106, 19.7377, 30.4093



16.9460, 19.7377, 46.1497

Sweetspot

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



25.6803, 19.7387, 14.5133



66.6578, 65.1937, 66.2613



31.6178, 22.1131, 45.7818



14.0240, 13.5301, 13.5598



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.



25.6803, 19.7387, 14.5133



42.5627, 29.9355, 18.3616



30.5008, 29.3797, 16.1201



8.4964, 8.5053, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



29.8142, 38.6455, 49.0679



50.9928, 68.4911, 88.8271



22.8720, 24.7609, 46.7538



8.7426, 9.6315, 10.9046



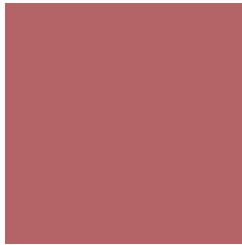
17.1397, 25.0798, 34.0745



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 25.6798, 19.7377, 14.5129 looks on a white 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

Black Background



This preview shows how the XYZ color 25.6798, 19.7377, 14.5129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

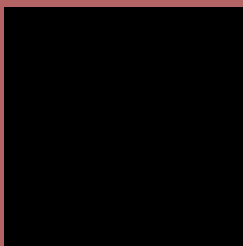
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.6798, 19.7377, 14.5129

Background



This preview shows how black text looks on a background with the XYZ color 25.6798, 19.7377, 14.5129.

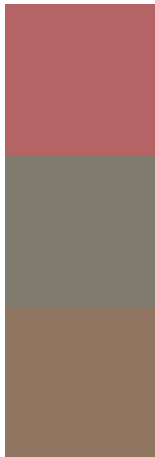


This preview shows how white text looks on a background with the XYZ color 25.6798, 19.7377,

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

25.6798, 19.7377, 14.5129

Protanopia

18.8543, 19.9028, 17.8868

Deuteranopia

20.1377, 19.7492, 14.0599



Tritanopia

25.8857, 19.6676, 16.0676

Trichromacy



Original Color

25.6798, 19.7377, 14.5129

Protanomaly

20.8172, 19.5260, 16.5816

Deuteranomaly

21.7937, 19.4188, 14.1548

Tritanomaly

25.7829, 19.6265, 15.5261

Monochromacy



Original Color

25.6798, 19.7377, 14.5129

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.7268, 19.4286, 18.8773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6798, 19.7377, 14.5129 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, 100, 100)` looks like.

```
.text, #text, p{  
    color:rgb(180, 100, 100)  
}
```

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, 100, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 100, 100) }
```

Border

The CSS property to change the border of an element to XYZ 25.6798, 19.7377, 14.5129 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, 100, 100) }
```


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

```
.border{ border-color:rgb(180, 100, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 100, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 100, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 100, 100);  
box-shadow:4px 4px 4px 4px rgb(180, 100,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6798, 19.7377, 14.5129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 100, 100) }
```

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

```
.background{ background-color: rgb(180,  
100, 100) }
```

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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