

Converting Colors

XYZ(27.3429, 20.6117, 21.8185)

Have a look what the booklet for
XYZ(27.3429, 20.6117, 21.8185)
contains.

XYZ(27.4114, 20.6118, 21.9358)	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(27.4114, 20.6118,
21.9358)**

Conversions

Conversions Part 1

Format	Color
Hex	B5657D
RGB	181, 101, 125
RGB Percent	71%, 40%, 49%
CMY	0.2902, 0.6039, 0.5098
CMYK	0.00, 0.44, 0.31, 0.29
HSL	342°, 35%, 55%
HSV	342°, 44%, 71%
XYZ	27.4114, 20.6118, 21.9358
YIQ	127.6560, 39.9760, 24.4240

Conversions

Conversions Part 2

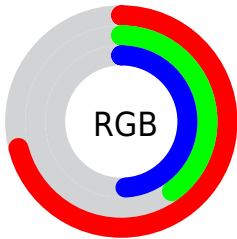
Format	Color
RYB	181, 101, 125
Decimal	11887997
CIELab	52.52, 34.99, 0.90
CIELCh	53, 35.003, 1.467
Yxy	20.6118, 0.3918, 0.2946
Android (android.graphics.Color)	4290078077 (0xFFB5657D)
YUV	127.6560, -1.3094, 46.7827
Hunter-Lab	45.4002, 28.3230, 3.1333

Details

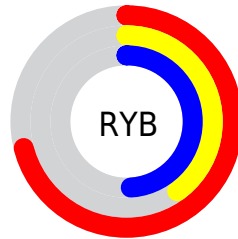
The XYZ color **27.4114, 20.6118, 21.9358** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.9775, 38.2492, 37.8085**, and the grayscale version is **20.3940, 21.4561, 23.3657**.

A 20% lighter version of the original color is **55.1881, 44.6763, 47.8341**, and **11.0925, 7.3251, 7.6667** is the 20% darker color. If you saturate the color by 10%, you get **25.0851, 17.1730, 17.4184**, and if you desaturate by 10%, it is **30.2291, 24.8679, 27.1270**.

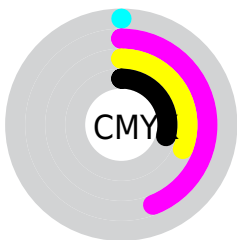
Distribution



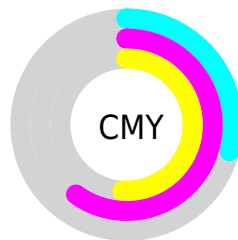
- Red (71%)
- Green (40%)
- Blue (49%)



- Red (71%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4114, 20.6118, 21.9358 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 27.4114, 20.6118, 21.9358 by changing the saturation by 10% instead.


 27.4114, 20.6118,
21.9358


 27.4114, 20.6118,
21.9358


281.7749,
255.2082, 275.1534


 18.0206, 12.8405,
13.6119


 54.9586, 44.4406,
47.5407


 11.0646, 7.3188,
7.7156


 73.8457, 61.2668,
65.6587

 6.1779, 3.6623,
3.8283


 96.6289, 81.8803,
87.8786

 2.9952, 1.4865,
1.5316

 123.6737,
106.6652, 114.6187

 1.1512, 0.2792,
0.2413

155.3453,
136.0061, 146.2977

 0.0673, 0.0000,
0.0000

192.0092,

 0.0000, 0.0000,

170.2873, 183.3342

0.0000

234.0306,
209.8932, 226.1465

■ 27.4114, 20.6118,
21.9358

■ 27.4114, 20.6118,
21.9358

■ 25.0851, 17.1730,
17.4184

■ 30.2291, 24.8679,
27.1270

■ 23.2190, 14.4955,
13.5445

■ 33.5635, 29.9865,
33.0178

■ 21.7807, 12.5212,
10.2833

■ 37.4403, 36.0130,
39.6342


■ 20.7326, 11.1820,
7.6005

■ 41.8826, 42.9886,
47.0004


■ 20.0300, 10.3958,
5.4578


■ 46.9126, 50.9522,
55.1395

 19.7288, 10.0929,
4.4346

 52.5508, 59.9404,
64.0735

 58.8171, 69.9880,
73.8235

 65.7304, 81.1279,
84.4100

 70.4015, 87.5779,
94.8834

Harmonies

Analogous

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



26.3695, 20.6118, 33.3832



27.4114, 20.6118, 21.9358



26.1526, 20.6118, 13.5571

Triad

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



27.4114, 20.6118, 21.9358



16.1752, 20.6118, 9.3658



16.4486, 20.6118, 44.9255

Complementary

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



27.4114, 20.6118, 21.9358



27.9775, 38.2492, 37.8085

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.



14.2302, 20.6118, 34.5494



27.4114, 20.6118, 21.9358



14.0866, 20.6118, 14.1992

Square

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



27.4114, 20.6118, 21.9358



19.4131, 20.6118, 7.8245



13.4203, 20.6118, 22.9574



19.7698, 20.6118, 48.8737

Rectangle

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



27.4114, 20.6118, 21.9358



24.2582, 20.6118, 10.1755



13.4203, 20.6118, 22.9574



15.5643, 20.6118, 41.9431

Sweetspot

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



27.4120, 20.6128, 21.9362



67.7882, 65.6452, 72.2155



26.8996, 19.8128, 46.1226



14.3010, 13.6407, 15.0190



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.



27.4120, 20.6128, 21.9362



45.0437, 30.9268, 31.4297



27.7671, 23.4870, 15.3832



8.5978, 8.5458, 9.3804



13.6279, 6.9687, 3.2007



0.4552, 0.2298, 0.2400

Inverse Universe

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



27.4120, 20.6128, 21.9362



45.0437, 30.9268, 31.4297



27.1632, 33.0139, 48.6568



8.5978, 8.5458, 9.3804



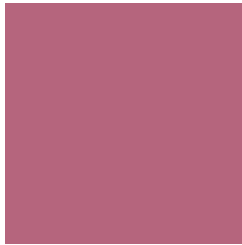
13.6279, 6.9687, 3.2007



0.4552, 0.2298, 0.2400

Previews

White Background



This preview shows how the XYZ color 27.4114, 20.6118, 21.9358 looks on a white background.

Color Contrast Check

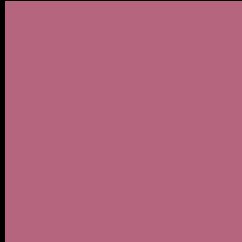
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4114, 20.6118, 21.9358 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 27.4114, 20.6118, 21.9358

Background



This preview shows how black text looks on a background with the XYZ color 27.4114, 20.6118, 21.9358.



This preview shows how white text looks on a background with the XYZ color 27.4114, 20.6118,

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

27.4114, 20.6118, 21.9358

Protanopia

20.3060, 20.8164, 27.3738

Deuteranopia

21.2259, 20.8750, 20.9997



Tritanopia

26.5419, 20.5515, 17.6068

Trichromacy



Original Color

27.4114, 20.6118, 21.9358

Protanomaly

22.2255, 20.2318, 25.2880

Deuteranomaly

23.0477, 20.4083, 21.1368

Tritanomaly

26.7261, 20.4670, 19.0649

Monochromacy



Original Color

27.4114, 20.6118, 21.9358

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.3418, 20.6922, 22.8951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4114, 20.6118, 21.9358 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(181, 101, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 101, 125)  
}
```

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(181, 101, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 101, 125) }
```

Border

The CSS property to change the border of an element to XYZ 27.4114, 20.6118, 21.9358 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(181, 101, 125) }
```


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

```
.border{ border-color:rgb(181, 101, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 101, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 101, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 101, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 101,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4114, 20.6118, 21.9358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 101, 125) }
```

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

```
.background{ background-color: rgb(181,  
101, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor