

Converting Colors

XYZ(27.0982, 20.2617, 17.5216)

Have a look what the booklet for
XYZ(27.0982, 20.2617, 17.5216)
contains.

XYZ(27.0982, 20.2617, 17.5216)	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(27.0982, 20.2617,
17.5216)**

Conversions

Conversions Part 1

Format	Color
Hex	B8636F
RGB	184, 99, 111
RGB Percent	72%, 39%, 44%
CMY	0.2784, 0.6117, 0.5647
CMYK	0.00, 0.46, 0.40, 0.28
HSL	352°, 37%, 55%
HSV	352°, 46%, 72%
XYZ	27.0982, 20.2617, 17.5216
YIQ	125.7830, 46.8080, 21.7520

Conversions

Conversions Part 2

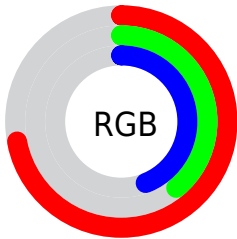
Format	Color
R_{YB}	184, 99, 111
Decimal	12084079
CIE _{Lab}	52.13, 35.41, 8.68
CIE _{LCh}	52, 36.460, 13.779
Yxy	20.2617, 0.4177, 0.3123
Android (android.graphics.Color)	4290274159 (0xFFB8636F)
YUV	125.7830, -7.2880, 51.0563
Hunter-Lab	45.0130, 28.6857, 8.4301

Details

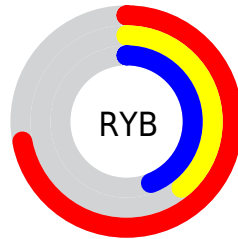
The XYZ color **27.0982, 20.2617, 17.5216** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.7334, 39.9125, 45.1687**, and the grayscale version is **19.7709, 20.8005, 22.6517**.

A 20% lighter version of the original color is **54.2954, 43.6548, 40.2149**, and **10.9258, 7.1560, 5.6559** is the 20% darker color. If you saturate the color by 10%, you get **24.7548, 16.8465, 12.8206**, and if you desaturate by 10%, it is **29.9937, 24.5348, 23.1666**.

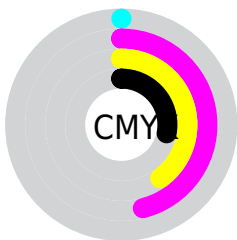
Distribution



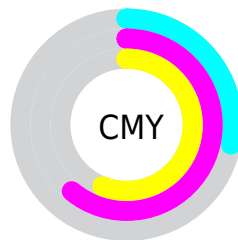
- Red (72%)
- Green (39%)
- Blue (44%)



- Red (72%)
- Yellow (39%)
- Blue (44%)



- Cyan (0%)
- Magenta (46%)
- Yellow (40%)
- Black (28%)





- Cyan (28%)
- Magenta (61%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0982, 20.2617, 17.5216 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 27.0982, 20.2617, 17.5216 by changing the saturation by 10% instead.

 27.0982, 20.2617,
17.5216


 27.0982, 20.2617,
17.5216


280.2912,
253.3283, 250.3054


 17.7840, 12.5854,
10.4412


 54.4602, 43.8555,
40.0233


 10.8937, 7.1437,
5.5830


 73.2386, 60.5418,
56.2817

 6.0622, 3.5521,
2.5286


 95.9025, 81.0003,
76.4365

 2.9240, 1.4263,
0.8552

 122.8172,
105.6153, 100.9062

 1.1137, 0.2360,
0.0000

154.3481,
134.7712, 130.1094

 0.0365, 0.0000,
0.0000

190.8605,

 0.0000, 0.0000,

168.8524, 164.4647

0.0000

232.7197,
208.2433, 204.3905

■ 27.0982, 20.2617,
17.5216

■ 27.0982, 20.2617,
17.5216

■ 24.7548, 16.8465,
12.8206

■ 29.9937, 24.5348,
23.1666

■ 22.9266, 14.2282,
9.0106

■ 33.4721, 29.7151,
29.8022

■ 21.5744, 12.3427,
6.0350


■ 37.5635, 35.8521,
37.4735


■ 20.6526, 11.1147,
3.8303


■ 42.2959, 42.9906,
46.2223


■ 20.1036, 10.4466,
2.3222

■ 47.6951, 51.1726,
56.0882

 19.9532, 10.2648,
1.9051

 53.7858, 60.4378,
67.1086

 60.5912, 70.8237,
79.3193

 68.1337, 82.3661,
92.7547

 73.2933, 88.8168,
106.4004

Harmonies

Analogous

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



26.9990, 20.2617, 28.3117



27.0982, 20.2617, 17.5216



24.9150, 20.2617, 10.6824

Triad

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



27.0982, 20.2617, 17.5216



14.7095, 20.2617, 10.3053



17.3232, 20.2617, 48.2483

Complementary

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



27.0982, 20.2617, 17.5216



29.7334, 39.9125, 45.1687

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.



14.5297, 20.2617, 39.5449



27.0982, 20.2617, 17.5216



13.1593, 20.2617, 16.8064

Square

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



27.0982, 20.2617, 17.5216



17.5998, 20.2617, 7.5204



13.0980, 20.2617, 27.3249



21.0176, 20.2617, 48.6310

Rectangle

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



27.0982, 20.2617, 17.5216



22.6043, 20.2617, 8.2881



13.0980, 20.2617, 27.3249



16.2596, 20.2617, 46.0973

Sweetspot

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



27.0987, 20.2627, 17.5220



69.6815, 67.3809, 70.8811



29.9633, 21.0715, 47.8352



14.6477, 13.9627, 14.5849



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.0987, 20.2627, 17.5220



44.9781, 30.6880, 23.4512



29.8373, 26.7269, 15.3919



9.0549, 9.0323, 9.6363



13.7677, 7.0809, 1.3978



0.5019, 0.2563, 0.1367

Inverse Universe

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



27.0987, 20.2627, 17.5220



44.9781, 30.6880, 23.4512



25.3951, 29.3080, 49.6658



9.0549, 9.0323, 9.6363



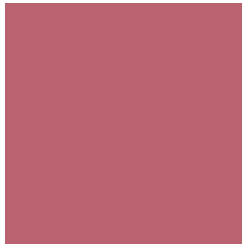
13.7677, 7.0809, 1.3978



0.5019, 0.2563, 0.1367

Previews

White Background



This preview shows how the XYZ color 27.0982, 20.2617, 17.5216 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 27.0982, 20.2617, 17.5216 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 27.0982, 20.2617, 17.5216

Background



This preview shows how black text looks on a background with the XYZ color 27.0982, 20.2617, 17.5216.



This preview shows how white text looks on a background with the XYZ color 27.0982, 20.2617,

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

27.0982, 20.2617, 17.5216

Protanopia

19.6617, 20.4080, 22.3049

Deuteranopia

20.6980, 20.3341, 16.7439



Tritanopia

26.9782, 20.3662, 16.4191

Trichromacy



Original Color

27.0982, 20.2617, 17.5216

Protanomaly

21.7336, 19.9134, 20.4675

Deuteranomaly

22.6015, 19.9402, 16.8450

Tritanomaly

27.0311, 20.3874, 16.6978

Monochromacy



Original Color

27.0982, 20.2617, 17.5216

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.7292, 20.0743, 20.8186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0982, 20.2617, 17.5216 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(184, 99, 111)` looks like.

```
.text, #text, p{  
  color:rgb(184, 99, 111)  
}
```

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(184, 99, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 111) }
```

Border

The CSS property to change the border of an element to XYZ 27.0982, 20.2617, 17.5216 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(184, 99, 111) }
```


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

```
.border{ border-color:rgb(184, 99, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 99, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 111);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0982, 20.2617, 17.5216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 111) }
```

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

```
.background{ background-color: rgb(184, 99,  
111) }
```

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