

Converting Colors

XYZ(27.5733, 21.2057, 18.8595)

Have a look what the booklet for
XYZ(27.5733, 21.2057, 18.8595)
contains.

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Color

**XYZ(27.5733, 21.2057,
18.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	B76873
RGB	183, 104, 115
RGB Percent	72%, 41%, 45%
CMY	0.2824, 0.5921, 0.5490
CMYK	0.00, 0.43, 0.37, 0.28
HSL	352°, 35%, 56%
HSV	352°, 43%, 72%
XYZ	27.5733, 21.2057, 18.8595
YIQ	128.8750, 43.5530, 20.1690

Conversions

Conversions Part 2

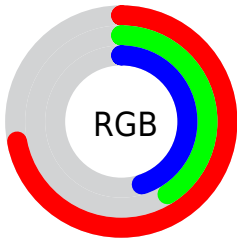
Format	Color
RYB	183, 104, 115
Decimal	12019827
CIELab	53.17, 32.83, 7.78
CIELCh	53, 33.740, 13.331
Yxy	21.2057, 0.4077, 0.3135
Android (android.graphics.Color)	4290209907 (0xFFB76873)
YUV	128.8750, -6.8404, 47.4676
Hunter-Lab	46.0496, 26.2942, 7.9527

Details

The XYZ color **27.5733, 21.2057, 18.8595** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0898, 39.7891, 45.1261**, and the grayscale version is **20.8355, 21.9206, 23.8715**.

A 20% lighter version of the original color is **55.1391, 45.2677, 42.3906**, and **11.0847, 7.5556, 6.1843** is the 20% darker color. If you saturate the color by 10%, you get **25.0968, 17.5815, 13.9375**, and if you desaturate by 10%, it is **30.6056, 25.6934, 24.7315**.

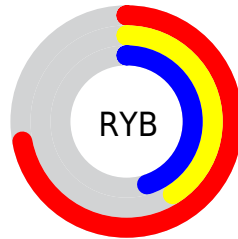
Distribution



Red (72%)

Green (41%)

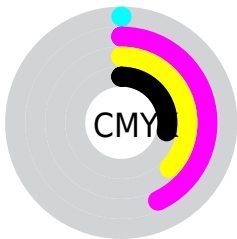
Blue (45%)



Red (72%)

Yellow (41%)

Blue (45%)

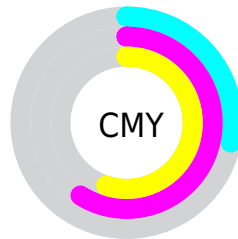


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (28%)



Cyan (28%)

Magenta (59%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5733, 21.2057, 18.8595 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 27.5733, 21.2057, 18.8595 by changing the saturation by 10% instead.


 27.5733, 21.2057,
18.8595


 27.5733, 21.2057,
18.8595


282.5395,
258.3697, 258.0688


 18.1431, 13.2744,
11.3930


 55.2159, 45.4296,
42.3301


 11.1531, 7.6178,
6.2144


 74.1590, 62.4911,
59.1713

 6.2379, 3.8514,
2.9050


 97.0037, 83.3647,
79.9744

 3.0323, 1.5908,
1.0463

 124.1154,
108.4350, 105.1581

 1.1709, 0.3514,
0.0000

155.8595,
138.0862, 135.1409

 0.0832, 0.0000,
0.0000

192.6013,

 0.0000, 0.0000,

172.7028, 170.3412

0.0000

234.7062,
212.6691, 211.1777

■ 27.5733, 21.2057,
18.8595

■ 27.5733, 21.2057,
18.8595

■ 25.0968, 17.5815,
13.9375

■ 30.6056, 25.6934,
24.7315

■ 23.1403, 14.7621,
9.9140

■ 34.2230, 31.0919,
31.5986

■ 21.6667, 12.6869,
6.7346


■ 38.4549, 37.4488,
39.5048


■ 20.6330, 11.2850,
4.3384


■ 43.3282, 44.8075,
48.4907


■ 19.9882, 10.4715,
2.6558


■ 48.8681, 53.2087,
58.5950

 19.7091, 10.1396,
1.8650

 55.0985, 62.6909,
69.8544

 62.0422, 73.2907,
82.3039

 69.7207, 85.0428,
95.9770

 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



27.4463, 21.2057, 29.1789



27.5733, 21.2057, 18.8595



25.5534, 21.2057, 12.0841

Triad

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



27.5733, 21.2057, 18.8595



15.8153, 21.2057, 11.5674



18.2557, 21.2057, 47.4087

Complementary

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



27.5733, 21.2057, 18.8595



30.0898, 39.7891, 45.1261

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.



15.5767, 21.2057, 39.3154



27.5733, 21.2057, 18.8595



14.2855, 21.2057, 17.9122

Square

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



27.5733, 21.2057, 18.8595



18.6186, 21.2057, 8.7889



14.2037, 21.2057, 27.9087



21.7745, 21.2057, 47.8876

Rectangle

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



27.5733, 21.2057, 18.8595



23.3851, 21.2057, 9.6322



14.2037, 21.2057, 27.9087



17.2376, 21.2057, 45.4002

Sweetspot

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



27.5739, 21.2068, 18.8599



68.8330, 67.0112, 70.6798



30.3256, 21.9954, 47.4471



14.8125, 14.2127, 14.8851



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.



27.5739, 21.2068, 18.8599



45.0701, 31.6657, 25.2085



30.2318, 27.4755, 16.8079



9.0542, 9.0320, 9.6327



13.7649, 7.0797, 1.3826



0.5016, 0.2561, 0.1351

Inverse Universe

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



27.5739, 21.2068, 18.8599



45.0701, 31.6657, 25.2085



26.0368, 29.9222, 49.2032



9.0542, 9.0320, 9.6327



13.7649, 7.0797, 1.3826



0.5016, 0.2561, 0.1351

Previews

White Background



This preview shows how the XYZ color 27.5733, 21.2057, 18.8595 looks on a white background.

Color Contrast Check

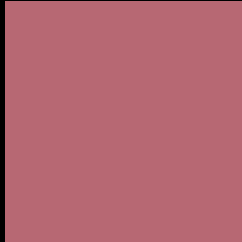
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5733, 21.2057, 18.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

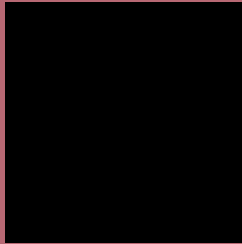
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.5733, 21.2057, 18.8595

Background



This preview shows how black text looks on a background with the XYZ color 27.5733, 21.2057, 18.8595.



This preview shows how white text looks on a background with the XYZ color 27.5733, 21.2057,

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

27.5733, 21.2057, 18.8595

Protanopia

20.6261, 21.4569, 23.1332

Deuteranopia

21.6846, 21.3555, 18.3084



Tritanopia

27.4034, 21.1378, 17.9649

Trichromacy



Original Color

27.5733, 21.2057, 18.8595

Protanomaly

22.5664, 21.0133, 21.6055

Deuteranomaly

23.5241, 21.0540, 18.4468

Tritanomaly

27.4594, 21.1602, 18.2598

Monochromacy



Original Color

27.5733, 21.2057, 18.8595

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.7490, 21.2777, 21.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5733, 21.2057, 18.8595 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(183, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(183, 104, 115)  
}
```

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(183, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 104, 115) }
```

Border

The CSS property to change the border of an element to XYZ 27.5733, 21.2057, 18.8595 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(183, 104, 115) }
```


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

```
.border{ border-color:rgb(183, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(183, 104,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5733, 21.2057, 18.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 104, 115) }
```

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

```
.background{ background-color: rgb(183,  
104, 115) }
```

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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