

Converting Colors

XYZ(27.5311, 21.4076, 17.2696)

Have a look what the booklet for
XYZ(27.5311, 21.4076, 17.2696)
contains.

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Color

**XYZ(27.5791, 21.3976,
17.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	B8696D
RGB	184, 105, 109
RGB Percent	72%, 41%, 43%
CMY	0.2784, 0.5882, 0.5725
CMYK	0.00, 0.43, 0.41, 0.28
HSL	357°, 36%, 57%
HSV	357°, 43%, 72%
XYZ	27.5791, 21.3976, 17.1446
YIQ	129.0770, 45.8000, 17.9920

Conversions

Conversions Part 2

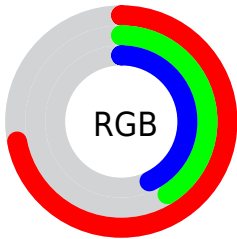
Format	Color
RYB	184, 105, 109
Decimal	12085613
CIELab	53.38, 31.96, 11.63
CIElCh	53, 34.006, 19.990
Yxy	21.3976, 0.4171, 0.3236
Android (android.graphics.Color)	4290275693 (0xFFB8696D)
YUV	129.0770, -9.8980, 48.1675
Hunter-Lab	46.2575, 25.4724, 10.4054

Details

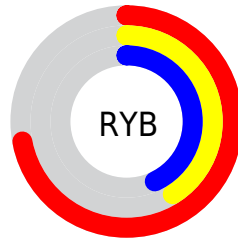
The XYZ color **27.5791, 21.3976, 17.1446** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.2055, 40.5801, 49.3703**, and the grayscale version is **20.9161, 22.0054, 23.9638**.

A 20% lighter version of the original color is **55.0201, 45.5293, 39.1459**, and **11.1378, 7.6694, 5.4507** is the 20% darker color. If you saturate the color by 10%, you get **25.0549, 17.7075, 12.1156**, and if you desaturate by 10%, it is **30.6968, 25.9755, 23.2940**.

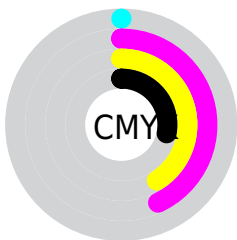
Distribution



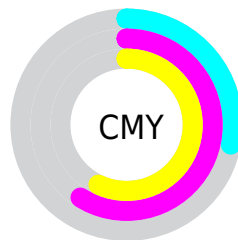
- Red (72%)
- Green (41%)
- Blue (43%)



- Red (72%)
- Yellow (41%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (41%)
- Black (28%)





- Cyan (28%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.5791, 21.3976, 17.1446 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 27.5791, 21.3976, 17.1446 by changing the saturation by 10% instead.


 27.5791, 21.3976,
17.1446


 27.5791, 21.3976,
17.1446


282.5669,
259.3840, 248.0764


 18.1475, 13.4149,
10.1746


 55.2251, 45.7483,
39.3683


 11.1562, 7.7149,
5.4078


 74.1702, 62.8852,
55.4590

 6.2401, 3.9131,
2.4255


 97.0171, 83.8422,
75.4271

 3.0337, 1.6251,
0.8003

 124.1312,
109.0038, 99.6911

 1.1716, 0.3744,
0.0000

155.8779,
138.7544, 128.6694

 0.0838, 0.0000,
0.0000

192.6225,

 0.0000, 0.0000,

173.4784, 162.7807

0.0000

234.7304,
213.5601, 202.4436

■ 27.5791, 21.3976,
17.1446

■ 27.5791, 21.3976,
17.1446

■ 25.0549, 17.7075,
12.1156

■ 30.6968, 25.9755,
23.2940

■ 23.0849, 14.8447,
8.1382

■ 34.4406, 31.4901,
30.6243

■ 21.6279, 12.7463,
5.1383


■ 38.8427, 37.9908,
39.1932


■ 20.6361, 11.3389,
3.0312


■ 43.9326, 45.5222,
49.0543


■ 20.0527, 10.5349,
1.7183


■ 49.7380, 54.1265,
60.2580

 19.8182, 10.2108,
1.1936

 56.2851, 63.8435,
72.8520

 63.5988, 74.7108,
86.8816

 71.7027, 86.7643,
102.3903

 73.5772, 88.9304,
107.8951

Harmonies

Analogous

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



27.9636, 21.3976, 26.9255



27.5791, 21.3976, 17.1446



25.1323, 21.3976, 11.1529

Triad

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



27.5791, 21.3976, 17.1446



15.4733, 21.3976, 12.7164



19.1555, 21.3976, 48.8540

Complementary

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



27.5791, 21.3976, 17.1446



31.2055, 40.5801, 49.3703

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.



16.1955, 21.3976, 42.0710



27.5791, 21.3976, 17.1446



14.2421, 21.3976, 20.0125

Square

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



27.5791, 21.3976, 17.1446



18.0570, 21.3976, 9.1701



14.4899, 21.3976, 30.7723



22.8029, 21.3976, 47.4030

Rectangle

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



27.5791, 21.3976, 17.1446



22.8053, 21.3976, 9.1714



14.4899, 21.3976, 30.7723



18.0550, 21.3976, 47.3992

Sweetspot

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



27.5797, 21.3987, 17.1450



70.1682, 68.5067, 70.5730



32.2328, 23.1169, 48.1107



14.7277, 14.1788, 14.4386



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.



27.5797, 21.3987, 17.1450



45.4439, 32.1364, 22.0133



31.5841, 29.7441, 17.4424



9.0225, 9.0194, 9.4661



13.6665, 7.0404, 0.8646



0.4880, 0.2507, 0.0634

Inverse Universe

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



27.5797, 21.3987, 17.1450



45.4439, 32.1364, 22.0133



25.3475, 28.2033, 49.4553



9.0225, 9.0194, 9.4661



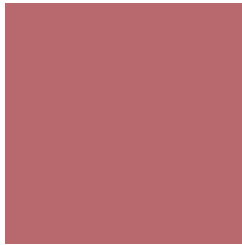
13.6665, 7.0404, 0.8646



0.4880, 0.2507, 0.0634

Previews

White Background



This preview shows how the XYZ color 27.5791, 21.3976, 17.1446 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 27.5791, 21.3976, 17.1446 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 27.5791, 21.3976, 17.1446

Background



This preview shows how black text looks on a background with the XYZ color 27.5791, 21.3976, 17.1446.



This preview shows how white text looks on a background with the XYZ color 27.5791, 21.3976,

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

27.5791, 21.3976, 17.1446

Protanopia

20.5563, 21.4648, 21.1488

Deuteranopia

21.8972, 21.5024, 16.6319



Tritanopia

27.7434, 21.4633, 18.0098

Trichromacy



Original Color

27.5791, 21.3976, 17.1446

Protanomaly

22.5702, 21.0573, 19.7045

Deuteranomaly

23.5972, 21.1294, 16.7446

Tritanomaly

27.6880, 21.4412, 17.7182

Monochromacy



Original Color

27.5791, 21.3976, 17.1446

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6237, 21.2276, 21.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5791, 21.3976, 17.1446 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, 105, 109)` looks like.

```
.text, #text, p{  
    color:rgb(184, 105, 109)  
}
```

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, 105, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 105, 109) }
```

Border

The CSS property to change the border of an element to XYZ 27.5791, 21.3976, 17.1446 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, 105, 109) }
```


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

```
.border{ border-color:rgb(184, 105, 109) }
```

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

Here you see how a box with a 4 pixel rgb(184, 105, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 105, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 105, 109);  
box-shadow:4px 4px 4px 4px rgb(184, 105,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5791, 21.3976, 17.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 105, 109) }
```

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

```
.background{ background-color: rgb(184,  
105, 109) }
```

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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