

Converting Colors

XYZ(27.6534, 20.8543, 23.2232)

Have a look what the booklet for
XYZ(27.6534, 20.8543, 23.2232)
contains.

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Color

**XYZ(27.7699, 20.9115,
23.3416)**

Conversions

Conversions Part 1

Format	Color
Hex	B56681
RGB	181, 102, 129
RGB Percent	71%, 40%, 51%
CMY	0.2902, 0.6000, 0.4941
CMYK	0.00, 0.44, 0.29, 0.29
HSL	339°, 35%, 55%
HSV	339°, 44%, 71%
XYZ	27.7699, 20.9115, 23.3416
YIQ	128.6990, 38.4170, 25.1450

Conversions

Conversions Part 2

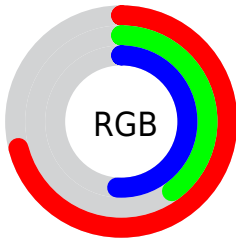
Format	Color
R_{YB}	181, 102, 129
Decimal	11888257
CIE Lab	52.85, 35.00, -0.99
CIE LCh	53, 35.015, 358.385
Yxy	20.9115, 0.3856, 0.2903
Android (android.graphics.Color)	4290078337 (0xFFB56681)
YUV	128.6990, 0.1484, 45.8680
Hunter-Lab	45.7291, 28.3718, 1.7468

Details

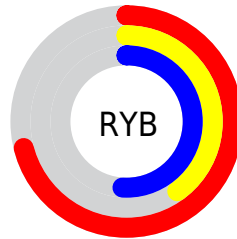
The XYZ color **27.7699, 20.9115, 23.3416** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **27.8371, 38.2062, 36.4812**, and the grayscale version is **20.7517, 21.8324, 23.7755**.

A 20% lighter version of the original color is **55.7614, 45.1708, 50.0359**, and **11.2801, 7.4708, 8.4369** is the 20% darker color. If you saturate the color by 10%, you get **25.4350, 17.4361, 18.8811**, and if you desaturate by 10%, it is **30.5867, 25.2026, 28.4188**.

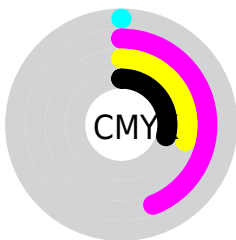
Distribution



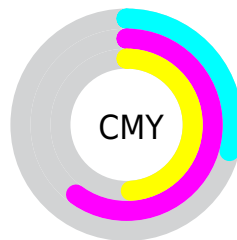
- Red (71%)
- Green (40%)
- Blue (51%)



- Red (71%)
- Yellow (40%)
- Blue (51%)



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





- Cyan (29%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7699, 20.9115, 23.3416 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 27.7699, 20.9115, 23.3416 by changing the saturation by 10% instead.

 27.7699, 20.9115,
23.3416


 27.7699, 20.9115,
23.3416


283.4658,
256.8078, 282.6533


 18.2918, 13.0593,
14.6383


 55.5281, 44.9402,
49.8839


 11.2607, 7.4694,
8.4221


 74.5389, 61.8855,
68.5600

 6.3110, 3.7574,
4.2746


 97.4581, 82.6307,
91.3974

 3.0776, 1.5388,
1.7772

 124.6509,
107.5601, 118.8147

 1.1949, 0.3158,
0.4128

156.4827,
137.0581, 151.2303

 0.1023, 0.0000,
0.0000

193.3189,

 0.0000, 0.0000,

171.5091, 189.0630

0.0000

235.5248,
211.2975, 232.7311

■ 27.7699, 20.9115,
23.3416

■ 27.7699, 20.9115,
23.3416

■ 25.4350, 17.4361,
18.8811

■ 30.5867, 25.2026,
28.4188

■ 23.5516, 14.7209,
15.0110

■ 33.9098, 30.3539,
34.1350

■ 22.0882, 12.7085,
11.7046


■ 37.7641, 36.4106,
40.5130


■ 21.0085, 11.3317,
8.9321


■ 42.1724, 43.4134,
47.5739


■ 20.2692, 10.5099,
6.6605


■ 47.1559, 51.4009,
55.3377

 19.9216, 10.1700,
5.4496

 52.7349, 60.4094,
63.8239

 58.9285, 70.4732,
73.0508

 65.7550, 81.6253,
83.0363

 69.9901, 87.4134,
92.7171

Harmonies

Analogous

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



26.4888, 20.9115, 35.0478



27.7699, 20.9115, 23.3416



26.7296, 20.9115, 14.4712

Triad

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



27.7699, 20.9115, 23.3416



16.7154, 20.9115, 9.2455



16.4113, 20.9115, 44.5972

Complementary

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



27.7699, 20.9115, 23.3416



27.8371, 38.2062, 36.4812

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.



14.3068, 20.9115, 33.7530



27.7699, 20.9115, 23.3416



14.4666, 20.9115, 13.7564

Square

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



27.7699, 20.9115, 23.3416



20.0747, 20.9115, 7.9838



13.6403, 20.9115, 22.2060



19.6782, 20.9115, 49.4303

Rectangle

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



27.7699, 20.9115, 23.3416



24.9235, 20.9115, 10.7836



13.6403, 20.9115, 22.2060



15.5602, 20.9115, 41.3978

Sweetspot

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



27.7705, 20.9125, 23.3420



67.9508, 65.7103, 73.0720



26.2958, 19.6465, 46.1224



14.3411, 13.6568, 15.2302



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.



27.7705, 20.9125, 23.3420



45.8481, 31.6601, 34.3965



27.4555, 22.7850, 15.5226



8.6122, 8.5516, 9.4564



13.7632, 7.0228, 3.9128



0.4611, 0.2322, 0.2708

Inverse Universe

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



27.7705, 20.9125, 23.3420



45.8481, 31.6601, 34.3965



28.0367, 34.5934, 48.9157



8.6122, 8.5516, 9.4564



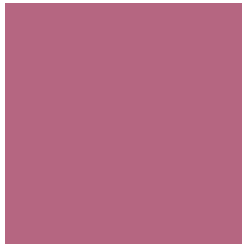
13.7632, 7.0228, 3.9128



0.4611, 0.2322, 0.2708

Previews

White Background



This preview shows how the XYZ color 27.7699, 20.9115, 23.3416 looks on a white background.

Color Contrast Check

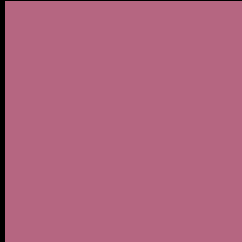
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7699, 20.9115, 23.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

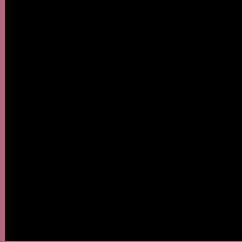
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7699, 20.9115, 23.3416

Background



This preview shows how black text looks on a background with the XYZ color 27.7699, 20.9115, 23.3416.



This preview shows how white text looks on a background with the XYZ color 27.7699, 20.9115,

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

27.7699, 20.9115, 23.3416

Protanopia

20.7310, 21.1900, 28.9840

Deuteranopia

21.4321, 21.1356, 22.3520



Tritanopia

26.6226, 20.8791, 18.2497

Trichromacy



Original Color

27.7699, 20.9115, 23.3416

Protanomaly

22.6258, 20.5773, 26.8241

Deuteranomaly

23.2231, 20.6379, 22.4982

Tritanomaly

27.1025, 20.9358, 20.0653

Monochromacy



Original Color

27.7699, 20.9115, 23.3416

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.7720, 21.0745, 23.6365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7699, 20.9115, 23.3416 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, 102, 129)` looks like.

```
.text, #text, p{  
    color:rgb(181, 102, 129)  
}
```

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, 102, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 102, 129) }
```

Border

The CSS property to change the border of an element to XYZ 27.7699, 20.9115, 23.3416 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, 102, 129) }
```


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

```
.border{ border-color:rgb(181, 102, 129) }
```

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

Here you see how a box with a 4 pixel rgb(181, 102, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 102, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 102, 129);  
box-shadow:4px 4px 4px 4px rgb(181, 102,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7699, 20.9115, 23.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 102, 129) }
```

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

```
.background{ background-color: rgb(181,  
102, 129) }
```

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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