

Converting Colors

XYZ(27.7095, 17.1133, 33.3496)

Have a look what the booklet for
XYZ(27.7095, 17.1133, 33.3496)
contains.

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Color

**XYZ(27.6747, 17.1105,
33.2965)**

Conversions

Conversions Part 1

Format	Color
Hex	B6499C
RGB	182, 73, 156
RGB Percent	71%, 29%, 61%
CMY	0.2863, 0.7137, 0.3882
CMYK	0.00, 0.60, 0.14, 0.29
HSL	314°, 43%, 50%
HSV	314°, 60%, 71%
XYZ	27.6747, 17.1105, 33.2965
YIQ	115.0530, 38.3210, 48.9210

Conversions

Conversions Part 2

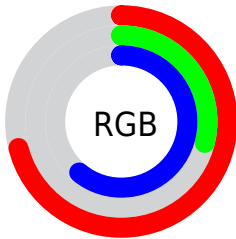
Format	Color
R_{YB}	182, 73, 156
Decimal	11946396
CIE _{Lab}	48.40, 53.82, -23.71
CIE _{LCh}	48, 58.809, 336.222
Yxy	17.1105, 0.3544, 0.2191
Android (android.graphics.Color)	4290136476 (0xFFB6499C)
YUV	115.0530, 20.1869, 58.7125
Hunter-Lab	41.3648, 47.0350, -18.7699

Details

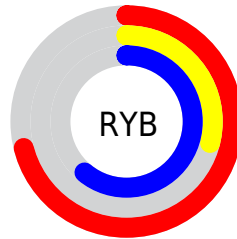
The XYZ color **27.6747, 17.1105, 33.2965** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **21.7286, 35.7738, 17.5657**, and the grayscale version is **16.2451, 17.0911, 18.6122**.

A 20% lighter version of the original color is **55.2824, 38.4072, 66.1276**, and **11.1789, 5.5871, 13.5859** is the 20% darker color. If you saturate the color by 10%, you get **26.2881, 14.9150, 31.0528**, and if you desaturate by 10%, it is **29.4254, 20.0126, 35.7267**.

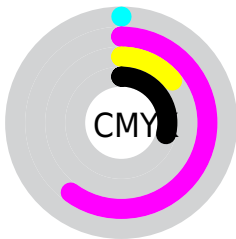
Distribution



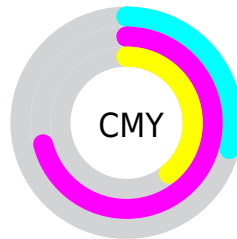
- Red (71%)
- Green (29%)
- Blue (61%)



- Red (71%)
- Yellow (29%)
- Blue (61%)



- Cyan (0%)
- Magenta (60%)
- Yellow (14%)
- Black (29%)




- Cyan (29%)
- Magenta (71%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6747, 17.1105, 33.2965 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 27.6747, 17.1105, 33.2965 by changing the saturation by 10% instead.

 27.6747, 17.1105,
33.2965


 27.6747, 17.1105,
33.2965


283.0176,
235.8084, 331.6566


 18.2198, 10.3133,
22.0807


 55.3769, 38.5157,
65.9595


 11.2085, 5.6072,
13.7173


 74.3550, 53.8924,
88.2438


 6.2756, 2.6077,
7.7878


 97.2381, 72.8978,
115.0546

 3.0556, 0.9306,
3.8737

 124.3917, 95.9163,
146.8106

 1.1832, 0.0000,
1.5563

 156.1811,
123.3322, 183.9303

 0.0931, 0.0000,
0.2593

192.9716,

 0.0000, 0.0000,

155.5299, 226.8321

0.0000

235.1287,
192.8938, 275.9347

■ 27.6747, 17.1105,
33.2965

■ 27.6747, 17.1105,
33.2965

■ 26.2881, 14.9150,
31.0528

■ 29.4254, 20.0126,
35.7267

■ 25.2323, 13.3604,
28.9834

■ 31.5663, 23.6744,
38.3523

■ 24.4706, 12.3735,
27.0756

■ 34.1232, 28.1464,
41.1828

■ 23.9273, 11.8030,
25.3033

■ 37.1189, 33.4745,
44.2262

■ 23.9215, 11.7971,
25.2838

■ 40.5747, 39.7009,
47.4905

■ 44.5104, 46.8650,
50.9828

■ 48.9446, 55.0040,
54.7099

■ 53.8951, 64.1529,
58.6783

■ 59.3784, 74.3450,
62.8943

Harmonies

Analogous

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



23.1677, 17.1105, 54.1703



27.6747, 17.1105, 33.2965



28.8549, 17.1105, 15.6025

Triad

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



27.6747, 17.1105, 33.2965



15.1682, 17.1105, 1.9773



9.2682, 17.1105, 42.1699

Complementary

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



27.6747, 17.1105, 33.2965



21.7286, 35.7738, 17.5657

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.



7.9996, 17.1105, 22.0267



27.6747, 17.1105, 33.2965



10.8877, 17.1105, 3.4996

Square

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



27.6747, 17.1105, 33.2965



20.7968, 17.1105, 2.5492



8.5192, 17.1105, 9.0622



12.4413, 17.1105, 60.9731

Rectangle

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



27.6747, 17.1105, 33.2965



27.4099, 17.1105, 8.3725



8.5192, 17.1105, 9.0622



8.6409, 17.1105, 35.0108

Sweetspot

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



27.6753, 17.1113, 33.2968



68.2308, 62.3646, 81.0907



15.9109, 10.7644, 45.4954



14.6941, 13.1010, 17.5430



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.



27.6753, 17.1113, 33.2968



46.9585, 25.9786, 55.0142



24.0763, 15.6717, 14.3449



9.2868, 9.1251, 10.8579



16.9199, 8.3417, 17.9966



0.6190, 0.3031, 0.7529

Inverse Universe

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



27.6753, 17.1113, 33.2968



46.9585, 25.9786, 55.0142



25.2206, 37.1706, 35.9544



9.2868, 9.1251, 10.8579



16.9199, 8.3417, 17.9966



0.6190, 0.3031, 0.7529

Previews

White Background



This preview shows how the XYZ color 27.6747, 17.1105, 33.2965 looks on a white background.

Color Contrast Check

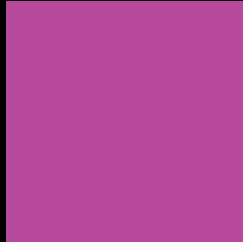
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 27.6747, 17.1105, 33.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

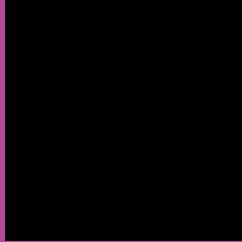
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.6747, 17.1105, 33.2965

Background



This preview shows how black text looks on a background with the XYZ color 27.6747, 17.1105, 33.2965.



This preview shows how white text looks on a background with the XYZ color 27.6747, 17.1105,

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

27.6747, 17.1105, 33.2965

Protanopia

18.8200, 17.4195, 49.9473

Deuteranopia

17.7168, 17.2635, 31.2526



Tritanopia

23.5424, 17.2011, 12.9058

Trichromacy



Original Color

27.6747, 17.1105, 33.2965

Protanomaly

20.0893, 15.9349, 43.0912

Deuteranomaly

20.1885, 16.2366, 31.7757

Tritanomaly

24.6642, 16.9358, 18.7986

Monochromacy



Original Color

27.6747, 17.1105, 33.2965

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

19.2339, 16.2150, 23.2352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6747, 17.1105, 33.2965 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(182, 73, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 73, 156)  
}
```

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(182, 73, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 73, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.6747, 17.1105, 33.2965 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(182, 73, 156) }
```


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

```
.border{ border-color:rgb(182, 73, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 73, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 73, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 73, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 73,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6747, 17.1105, 33.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 73, 156) }
```

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

```
.background{ background-color: rgb(182, 73,  
156) }
```

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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