

Converting Colors

XYZ(27.0167, 19.1764, 33.7300)

Have a look what the booklet for
XYZ(27.0167, 19.1764, 33.7300)
contains.

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Color

**XYZ(27.0167, 19.1764,
33.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	AC5E9C
RGB	172, 94, 156
RGB Percent	67%, 37%, 61%
CMY	0.3255, 0.6314, 0.3882
CMYK	0.00, 0.45, 0.09, 0.33
HSL	312°, 32%, 52%
HSV	312°, 45%, 67%
XYZ	27.0167, 19.1764, 33.7300
YIQ	124.3900, 26.5860, 35.8180

Conversions

Conversions Part 2

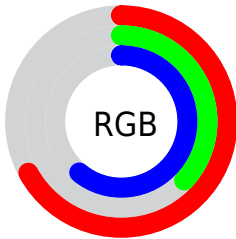
Format	Color
R_{YB}	172, 94, 156
Decimal	11296412
CIE _{Lab}	50.89, 40.42, -19.99
CIE _{LCh}	51, 45.095, 333.681
Yxy	19.1764, 0.3380, 0.2399
Android (android.graphics.Color)	4289486492 (0xFFAC5E9C)
YUV	124.3900, 15.5837, 41.7540
Hunter-Lab	43.7909, 33.4913, -15.0146

Details

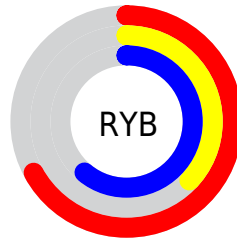
The XYZ color **27.0167, 19.1764, 33.7300** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.1839, 33.0111, 19.9557**, and the grayscale version is **19.2323, 20.2339, 22.0347**.

A 20% lighter version of the original color is **54.5047, 42.2286, 66.9062**, and **10.8849, 6.5992, 14.0647** is the 20% darker color. If you saturate the color by 10%, you get **25.3599, 16.3337, 31.7251**, and if you desaturate by 10%, it is **29.0242, 22.7059, 35.8950**.

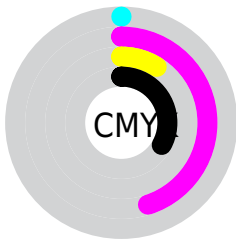
Distribution



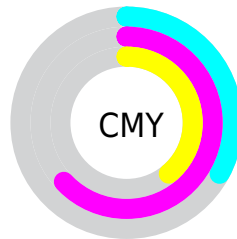
- Red (67%)
- Green (37%)
- Blue (61%)



- Red (67%)
- Yellow (37%)
- Blue (61%)



- Cyan (0%)
- Magenta (45%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0167, 19.1764, 33.7300 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 27.0167, 19.1764, 33.7300 by changing the saturation by 10% instead.

■ 27.0167, 19.1764,
33.7300

■ 27.0167, 19.1764,
33.7300

279.9040,
247.4209, 333.6588

■ 17.7224, 11.7978,
22.4106

■ 54.3304, 42.0320,
66.6427

■ 10.8494, 6.6062,
13.9577

■ 73.0805, 58.2777,
89.0730

■ 6.0322, 3.2170,
7.9528

■ 95.7132, 78.2480,
116.0440

■ 2.9055, 1.2461,
3.9774

■ 122.5939,
102.3272, 147.9743

■ 1.1040, 0.0989,
1.6130

154.0880,
130.8997, 185.2824

■ 0.0285, 0.0000,
0.3001

190.5608,

■ 0.0000, 0.0000,

164.3498, 228.3868

0.0000

232.3777,
203.0621, 277.7061

■ 27.0167, 19.1764,
33.7300

■ 27.0167, 19.1764,
33.7300

■ 25.3599, 16.3337,
31.7251

■ 29.0242, 22.7059,
35.8950

■ 24.0289, 14.1293,
29.8710

■ 31.4015, 26.9613,
38.2263

■ 22.9987, 12.5127,
28.1594


■ 34.1683, 31.9816,
40.7310


■ 22.2394, 11.4244,
26.5797


■ 37.3425, 37.8025,
43.4153


■ 21.7137, 10.7899,
25.1193


■ 40.9408, 44.4573,
46.2853

 21.5084, 10.5687,
24.4668

 44.9791, 51.9776,
49.3464

 49.4723, 60.3930,
52.6041

 54.4346, 69.7322,
56.0633

 59.8797, 80.0221,
59.7291

Harmonies

Analogous

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



23.3924, 19.1764, 48.6106



27.0167, 19.1764, 33.7300



28.1620, 19.1764, 19.3466

Triad

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



27.0167, 19.1764, 33.7300



17.6831, 19.1764, 4.7349



11.9963, 19.1764, 37.6201

Complementary

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



27.0167, 19.1764, 33.7300



22.1839, 33.0111, 19.9557

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.



10.9551, 19.1764, 22.4920



27.0167, 19.1764, 33.7300



13.8835, 19.1764, 6.4112

Square

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



27.0167, 19.1764, 33.7300



22.2872, 19.1764, 5.7218



11.5856, 19.1764, 11.7946



14.6918, 19.1764, 51.4253

Rectangle

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



27.0167, 19.1764, 33.7300



27.2336, 19.1764, 12.5068



11.5856, 19.1764, 11.7946



11.4630, 19.1764, 32.3424

Sweetspot

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



27.0173, 19.1773, 33.7304



62.5801, 59.1038, 74.4089



17.8308, 14.2745, 40.8455



13.3551, 12.3976, 15.9567



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.0173, 19.1773, 33.7304



46.1090, 29.8052, 57.6862



24.2512, 18.0708, 19.1641



8.2656, 8.1195, 9.7096



16.0258, 7.8729, 18.3131



0.4634, 0.2260, 0.6019

Inverse Universe

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



27.0173, 19.1773, 33.7304



46.1090, 29.8052, 57.6862



24.7623, 34.0424, 33.5331



8.2656, 8.1195, 9.7096



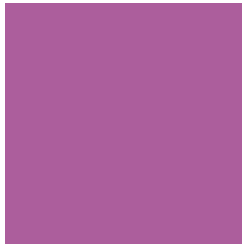
16.0258, 7.8729, 18.3131



0.4634, 0.2260, 0.6019

Previews

White Background



This preview shows how the XYZ color 27.0167, 19.1764, 33.7300 looks on a white background.

Color Contrast Check

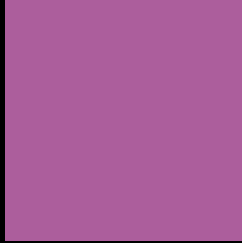
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0167, 19.1764, 33.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

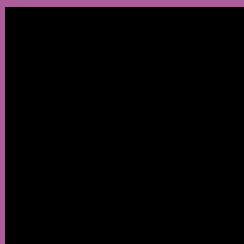
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.0167, 19.1764, 33.7300

Background



This preview shows how black text looks on a background with the XYZ color 27.0167, 19.1764, 33.7300.



This preview shows how white text looks on a background with the XYZ color 27.0167, 19.1764,

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

27.0167, 19.1764, 33.7300

Protanopia

20.2619, 19.5106, 43.7723

Deuteranopia

19.7355, 19.3122, 32.3932



Tritanopia

23.7559, 19.2638, 17.5051

Trichromacy



Original Color

27.0167, 19.1764, 33.7300

Protanomaly

21.8991, 18.9006, 40.0301

Deuteranomaly

21.8069, 18.8550, 32.6270

Tritanomaly

24.7501, 19.0817, 22.4573

Monochromacy



Original Color

27.0167, 19.1764, 33.7300

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

21.3336, 19.2505, 25.8839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0167, 19.1764, 33.7300 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(172, 94, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 94, 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(172, 94, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 94, 156) }
```

Border

The CSS property to change the border of an element to XYZ 27.0167, 19.1764, 33.7300 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(172, 94, 156) }
```


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

```
.border{ border-color:rgb(172, 94, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 94, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 94, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 94, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 94,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0167, 19.1764, 33.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 94, 156) }
```

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

```
.background{ background-color: rgb(172, 94,  
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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