

Converting Colors

XYZ(25.3867, 16.7584, 27.0107)

Have a look what the booklet for
XYZ(25.3867, 16.7584, 27.0107)
contains.

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Color

**XYZ(25.3556, 16.7744,
27.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	AF508D
RGB	175, 80, 141
RGB Percent	69%, 31%, 55%
CMY	0.3137, 0.6863, 0.4471
CMYK	0.00, 0.54, 0.19, 0.31
HSL	321°, 37%, 50%
HSV	321°, 54%, 69%
XYZ	25.3556, 16.7744, 27.1007
YIQ	115.3590, 37.0390, 39.1110

Conversions

Conversions Part 2

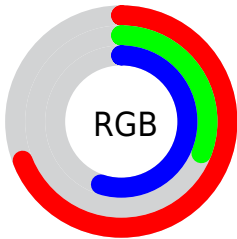
Format	Color
R_{YB}	175, 80, 141
Decimal	11489421
CIE _{Lab}	47.97, 46.12, -15.51
CIE _{LCh}	48, 48.656, 341.417
Yxy	16.7744, 0.3662, 0.2423
Android (android.graphics.Color)	4289679501 (0xFFAF508D)
YUV	115.3590, 12.6410, 52.3052
Hunter-Lab	40.9566, 38.8327, -10.5622

Details

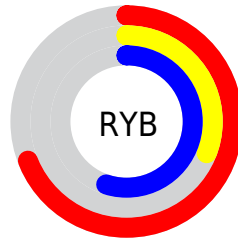
The XYZ color **25.3556, 16.7744, 27.1007** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **21.6763, 33.5809, 21.2605**, and the grayscale version is **16.3602, 17.2122, 18.7441**.

A 20% lighter version of the original color is **51.8421, 38.0388, 56.2396**, and **10.0035, 5.4872, 10.4294** is the 20% darker color. If you saturate the color by 10%, you get **23.7842, 14.3563, 24.3422**, and if you desaturate by 10%, it is **27.2881, 19.8720, 30.1099**.

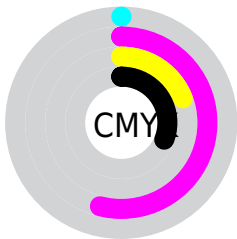
Distribution



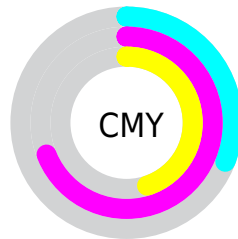
- Red (69%)
- Green (31%)
- Blue (55%)



- Red (69%)
- Yellow (31%)
- Blue (55%)



- Cyan (0%)
- Magenta (54%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (69%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3556, 16.7744, 27.1007 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 25.3556, 16.7744, 27.1007 by changing the saturation by 10% instead.


 25.3556, 16.7744,
27.1007


 25.3556, 16.7744,
27.1007


271.9193,
233.8689, 301.9199


 16.4723, 10.0738,
17.4158


 51.6723, 37.9375,
56.0511


 9.9520, 5.4479,
10.3663


 69.8364, 53.1687,
76.1537


 5.4291, 2.5124,
5.5337

 91.8248, 72.0123,
100.5659

 2.5385, 0.8828,
2.4995

 118.0029, 94.8526,
129.7062

 0.9147, 0.0000,
0.8399

 148.7361,
122.0740, 163.9932

 0.0000, 0.0000,
0.0000

184.3896,

154.0610, 203.8455

225.3289,
191.1978, 249.6816

■ 25.3556, 16.7744,
27.1007

■ 25.3556, 16.7744,
27.1007

■ 23.7842, 14.3563,
24.3422

■ 27.2881, 19.8720,
30.1099

■ 22.5454, 12.5622,
21.8223

■ 29.6041, 23.6941,
33.3790

■ 21.6088, 11.3316,
19.5290

■ 32.3262, 28.2847,
36.9176

■ 20.9372, 10.5909,
17.4474

■ 35.4745, 33.6836,
40.7345

■ 20.6244, 10.2920,
16.3357

■ 39.0678, 39.9278,
44.8378

■ 43.1238, 47.0520,
49.2353

■ 47.6593, 55.0890,
53.9345

■ 52.6899, 64.0698,
58.9425

■ 58.2309, 74.0240,
64.2660

Harmonies

Analogous

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



22.2036, 16.7744, 43.0474



25.3556, 16.7744, 27.1007



25.7294, 16.7744, 13.8857

Triad

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



25.3556, 16.7744, 27.1007



14.3307, 16.7744, 3.3401



10.4151, 16.7744, 39.3736

Complementary

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



25.3556, 16.7744, 27.1007



21.6763, 33.5809, 21.2605

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.



9.0193, 16.7744, 23.4787



25.3556, 16.7744, 27.1007



10.9869, 16.7744, 5.4736

Square

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



25.3556, 16.7744, 27.1007



18.7872, 16.7744, 3.5984



9.2073, 16.7744, 11.5939



13.4024, 16.7744, 52.0888

Rectangle

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



25.3556, 16.7744, 27.1007



24.2848, 16.7744, 8.3404



9.2073, 16.7744, 11.5939



9.7713, 16.7744, 33.9824

Sweetspot

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



25.3561, 16.7752, 27.1010



62.3464, 58.2793, 71.5502



17.4497, 12.3608, 42.0239



13.5982, 12.5078, 15.5927



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.3561, 16.7752, 27.1010



42.1448, 25.0392, 42.7337



22.5802, 15.6648, 12.4832



8.2135, 8.0987, 9.4353



14.7998, 7.3825, 11.8571



0.4366, 0.2153, 0.4607

Inverse Universe

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



25.3561, 16.7752, 27.1010



42.1448, 25.0392, 42.7337



25.0499, 34.9303, 39.0253



8.2135, 8.0987, 9.4353



14.7998, 7.3825, 11.8571



0.4366, 0.2153, 0.4607

Previews

White Background



This preview shows how the XYZ color 25.3556, 16.7744, 27.1007 looks on a white background.

Color Contrast Check

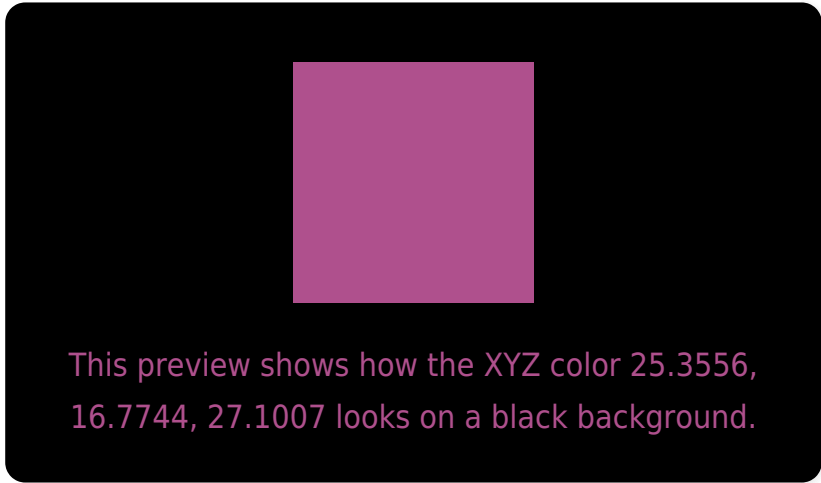
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 25.3556, 16.7744, 27.1007

Background



This preview shows how black text looks on a background with the XYZ color 25.3556, 16.7744, 27.1007.



This preview shows how white text looks on a background with the XYZ color 25.3556, 16.7744,

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

25.3556, 16.7744, 27.1007

Protanopia

17.7337, 17.1235, 37.9678

Deuteranopia

17.3083, 17.0108, 25.6637



Tritanopia

22.5621, 16.8148, 13.1228

Trichromacy



Original Color

25.3556, 16.7744, 27.1007

Protanomaly

19.2586, 16.1433, 33.5534

Deuteranomaly

19.4611, 16.2677, 26.1590

Tritanomaly

23.2657, 16.5961, 17.3064

Monochromacy



Original Color

25.3556, 16.7744, 27.1007

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.7060, 16.2763, 21.2245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3556, 16.7744, 27.1007 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(175, 80, 141)` looks like.

```
.text, #text, p{  
    color:rgb(175, 80, 141)  
}
```

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(175, 80, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 80, 141) }
```

Border

The CSS property to change the border of an element to XYZ 25.3556, 16.7744, 27.1007 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(175, 80, 141) }
```


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

```
.border{ border-color:rgb(175, 80, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 80, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 80, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 80, 141);  
box-shadow:4px 4px 4px 4px rgb(175, 80,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3556, 16.7744, 27.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 80, 141) }
```

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

```
.background{ background-color: rgb(175, 80,  
141) }
```

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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