

Converting Colors

XYZ(26.7608, 16.3509, 25.0381)

Have a look what the booklet for
XYZ(26.7608, 16.3509, 25.0381)
contains.

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Color

**XYZ(26.7608, 16.3509,
25.0381)**

Conversions

Conversions Part 1

Format	Color
Hex	BA4488
RGB	186, 68, 136
RGB Percent	73%, 27%, 53%
CMY	0.2706, 0.7333, 0.4667
CMYK	0.00, 0.63, 0.27, 0.27
HSL	325°, 46%, 50%
HSV	325°, 63%, 73%
XYZ	26.7608, 16.3509, 25.0381
YIQ	111.0340, 48.5000, 46.1640

Conversions

Conversions Part 2

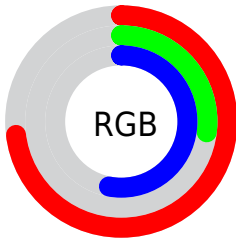
Format	Color
R_{YB}	186, 68, 136
Decimal	12207240
CIE _{Lab}	47.43, 54.30, -13.17
CIE _{LCh}	47, 55.872, 346.371
Yxy	16.3509, 0.3927, 0.2399
Android (android.graphics.Color)	4290397320 (0xFFBA4488)
YUV	111.0340, 12.3082, 65.7452
Hunter-Lab	40.4362, 47.3683, -8.4070

Details

The XYZ color **26.7608, 16.3509, 25.0381** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.2137, 37.6554, 23.1862**, and the grayscale version is **15.0755, 15.8606, 17.2722**.

A 20% lighter version of the original color is **53.9245, 37.2525, 52.4924**, and **10.7330, 5.3390, 9.2689** is the 20% darker color. If you saturate the color by 10%, you get **25.2693, 14.2316, 21.8781**, and if you desaturate by 10%, it is **28.6513, 19.2020, 28.5346**.

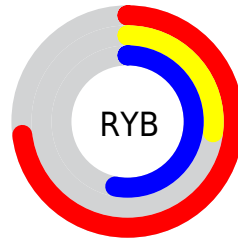
Distribution



Red (73%)

Green (27%)

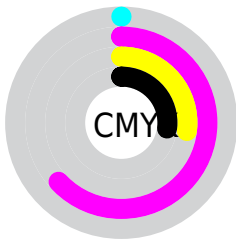
Blue (53%)



Red (73%)

Yellow (27%)

Blue (53%)

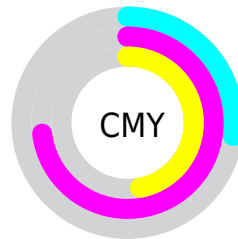


Cyan (0%)

Magenta (63%)

Yellow (27%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7608, 16.3509, 25.0381 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 26.7608, 16.3509, 25.0381 by changing the saturation by 10% instead.

■ 26.7608, 16.3509,
25.0381

■ 26.7608, 16.3509,
25.0381

278.6858,
231.4035, 291.4814

■ 17.5293, 9.7728,
15.8862

■ 53.9224, 37.2063,
52.6839

■ 10.7102, 5.2486,
9.2902

■ 72.5832, 52.2524,
72.0149

■ 5.9382, 2.3938,
4.8315

■ 95.1178, 70.8900,
95.5759

■ 2.8478, 0.8227,
2.0918

■ 121.8917, 93.5034,
123.7856

■ 1.0738, 0.0000,
0.6109

■ 153.2700,
120.4771, 157.0624

■ 0.0030, 0.0000,
0.0000

189.6182,

■ 0.0000, 0.0000,

152.1954, 195.8250

0.0000

231.3017,
189.0427, 240.4918

■ 26.7608, 16.3509,
25.0381

■ 26.7608, 16.3509,
25.0381

■ 25.2693, 14.2316,
21.8781

■ 28.6513, 19.2020,
28.5346

■ 24.1393, 12.7709,
19.0375

■ 30.9706, 22.8436,
32.3814

■ 23.3283, 11.8849,
16.4975

■ 33.7474, 27.3316,
36.5923

■ 22.9133, 11.5046,
14.9733

■ 37.0073, 32.7159,
41.1797

■ 40.7740, 39.0424,
46.1554

■ 45.0693, 46.3540,
51.5306

■ 49.9142, 54.6910,
57.3157

■ 55.3280, 64.0913,
63.5208

■ 61.3294, 74.5908,
70.1558

Harmonies

Analogous

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



23.5075, 16.3509, 44.0468



26.7608, 16.3509, 25.0381



26.5917, 16.3509, 11.1670

Triad

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



26.7608, 16.3509, 25.0381



13.0074, 16.3509, 2.3593



9.8505, 16.3509, 45.7569

Complementary

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



26.7608, 16.3509, 25.0381



23.2137, 37.6554, 23.1862

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.



8.0750, 16.3509, 26.6544



26.7608, 16.3509, 25.0381



9.6146, 16.3509, 4.8330

Square

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



26.7608, 16.3509, 25.0381



17.8959, 16.3509, 2.2726



7.9990, 16.3509, 12.1166



13.4024, 16.3509, 59.6656

Rectangle

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



26.7608, 16.3509, 25.0381



24.5441, 16.3509, 6.0296



7.9990, 16.3509, 12.1166



9.0626, 16.3509, 39.3812

Sweetspot

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



26.7613, 16.3517, 25.0384



69.7790, 63.8158, 78.2724



18.2895, 11.4739, 47.7054



14.9478, 13.3525, 16.6760



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.7613, 16.3517, 25.0384



44.9459, 24.6505, 37.6216



23.6867, 15.1219, 8.8479



9.2157, 9.0966, 10.4831



15.4534, 7.7551, 10.2741



0.5750, 0.2855, 0.5215

Inverse Universe

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



26.7613, 16.3517, 25.0384



44.9459, 24.6505, 37.6216



27.7964, 39.4885, 47.3184



9.2157, 9.0966, 10.4831



15.4534, 7.7551, 10.2741



0.5750, 0.2855, 0.5215

Previews

White Background



This preview shows how the XYZ color 26.7608, 16.3509, 25.0381 looks on a white background.

Color Contrast Check

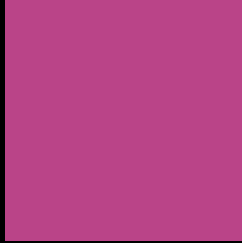
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7608, 16.3509, 25.0381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

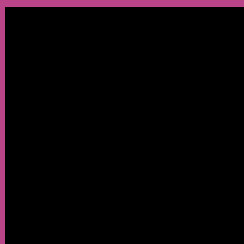
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.7608, 16.3509, 25.0381

Background



This preview shows how black text looks on a background with the XYZ color 26.7608, 16.3509, 25.0381.



This preview shows how white text looks on a background with the XYZ color 26.7608, 16.3509,

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

26.7608, 16.3509, 25.0381

Protanopia

17.2756, 16.5386, 38.8410

Deuteranopia

16.8077, 16.4766, 23.4135



Tritanopia

23.8398, 16.3543, 10.7043

Trichromacy



Original Color

26.7608, 16.3509, 25.0381

Protanomaly

18.8454, 15.0967, 33.3732

Deuteranomaly

19.2416, 15.5131, 23.8100

Tritanomaly

24.6116, 16.2356, 14.9333

Monochromacy



Original Color

26.7608, 16.3509, 25.0381

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.9636, 14.9438, 19.7069

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7608, 16.3509, 25.0381 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(186, 68, 136)` looks like.

```
.text, #text, p{  
    color:rgb(186, 68, 136)  
}
```

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(186, 68, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 68, 136) }
```

Border

The CSS property to change the border of an element to XYZ 26.7608, 16.3509, 25.0381 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(186, 68, 136) }
```


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

```
.border{ border-color:rgb(186, 68, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 68, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 68, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 68, 136);  
box-shadow:4px 4px 4px 4px rgb(186, 68,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7608, 16.3509, 25.0381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 68, 136) }
```

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

```
.background{ background-color: rgb(186, 68,  
136) }
```

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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