

Converting Colors

XYZ(27.0726, 17.3608, 25.9523)

Have a look what the booklet for
XYZ(27.0726, 17.3608, 25.9523)
contains.

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Color

**XYZ(27.0085, 17.3331,
25.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	B84D8A
RGB	184, 77, 138
RGB Percent	72%, 30%, 54%
CMY	0.2784, 0.6980, 0.4588
CMYK	0.00, 0.58, 0.25, 0.28
HSL	326°, 43%, 51%
HSV	326°, 58%, 72%
XYZ	27.0085, 17.3331, 25.9669
YIQ	115.9470, 44.1910, 41.6550

Conversions

Conversions Part 2

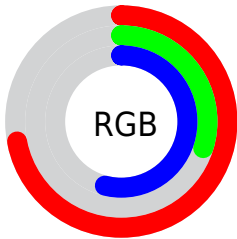
Format	Color
RYB	184, 77, 138
Decimal	12078474
CIELab	48.68, 49.94, -12.52
CIELCh	49, 51.482, 345.931
Yxy	17.3331, 0.3841, 0.2465
Android (android.graphics.Color)	4290268554 (0xFFB84D8A)
YUV	115.9470, 10.8721, 59.6825
Hunter-Lab	41.6330, 42.9400, -7.8366

Details

The XYZ color **27.0085, 17.3331, 25.9669** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.7771, 37.2893, 24.6851**, and the grayscale version is **16.5432, 17.4047, 18.9538**.

A 20% lighter version of the original color is **54.1382, 38.8714, 53.9398**, and **10.8798, 5.7264, 9.7644** is the 20% darker color. If you saturate the color by 10%, you get **25.3463, 14.8921, 22.6893**, and if you desaturate by 10%, it is **29.0775, 20.5207, 29.5863**.

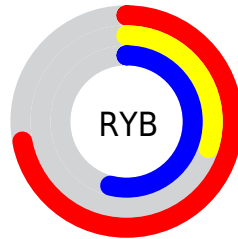
Distribution



Red (72%)

Green (30%)

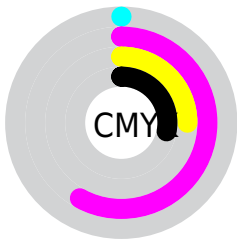
Blue (54%)



Red (72%)

Yellow (30%)

Blue (54%)

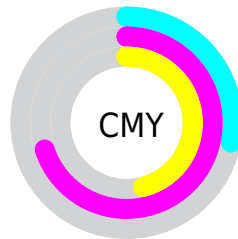


Cyan (0%)

Magenta (58%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (70%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.0085, 17.3331, 25.9669 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 27.0085, 17.3331, 25.9669 by changing the saturation by 10% instead.


 27.0085, 17.3331,
25.9669


 27.0085, 17.3331,
25.9669

279.8651,
237.0847, 296.2199


 17.7162, 10.4723,
16.5733


 54.3173, 38.8976,
54.2050


 10.8449, 5.7132,
9.7720


 73.0645, 54.3701,
73.8866


 6.0292, 2.6715,
5.1444


 95.6941, 73.4819,
97.8346

 2.9036, 0.9627,
2.2720

 122.5715, 96.6174,
126.4675

 1.1030, 0.0000,
0.7155

 154.0619,
124.1611, 160.2040

 0.0276, 0.0000,
0.0000

190.5307,

 0.0000, 0.0000,

156.4972, 199.4625

0.0000

232.3433,
194.0103, 244.6616

■ 27.0085, 17.3331,
25.9669

■ 27.0085, 17.3331,
25.9669

■ 25.3463, 14.8921,
22.6893

■ 29.0775, 20.5207,
29.5863

■ 24.0570, 13.1315,
19.7373

■ 31.5806, 24.5085,
33.5603

■ 23.1030, 11.9778,
17.0941

■ 34.5443, 29.3480,
37.9020

■ 22.4244, 11.3124,
14.7351

■ 37.9925, 35.0858,
42.6233

■ 22.3116, 11.2081,
14.3234

■ 41.9475, 41.7651,
47.7356

■ 46.4299, 49.4260,
53.2496

■ 51.4595, 58.1068,
59.1754

■ 57.0546, 67.8431,
65.5228

■ 63.2331, 78.6693,
72.3012

Harmonies

Analogous

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



23.9410, 17.3331, 43.5162



27.0085, 17.3331, 25.9669



26.9019, 17.3331, 12.5689

Triad

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



27.0085, 17.3331, 25.9669



14.0942, 17.3331, 3.2448



10.9069, 17.3331, 44.5728

Complementary

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



27.0085, 17.3331, 25.9669



23.7771, 37.2893, 24.6851

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.



9.1643, 17.3331, 26.9950



27.0085, 17.3331, 25.9669



10.7484, 17.3331, 5.9053

Square

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



27.0085, 17.3331, 25.9669



18.7944, 17.3331, 3.1773



9.1125, 17.3331, 13.2050



14.3540, 17.3331, 57.2778

Rectangle

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



27.0085, 17.3331, 25.9669



25.0252, 17.3331, 7.3143



9.1125, 17.3331, 13.2050



10.1342, 17.3331, 38.7423

Sweetspot

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



27.0090, 17.3340, 25.9672



69.4546, 64.5807, 78.0391



19.2737, 12.8768, 46.8172



14.6866, 13.4421, 16.4427



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.



27.0090, 17.3340, 25.9672



45.1721, 25.9068, 39.4522



24.0981, 16.1696, 10.6386



9.2133, 9.0957, 10.4707



15.4129, 7.7389, 10.0612



0.5737, 0.2850, 0.5146

Inverse Universe

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



27.0090, 17.3340, 25.9672



45.1721, 25.9068, 39.4522



27.9477, 38.9576, 46.6473



9.2133, 9.0957, 10.4707



15.4129, 7.7389, 10.0612



0.5737, 0.2850, 0.5146

Previews

White Background



This preview shows how the XYZ color 27.0085, 17.3331, 25.9669 looks on a white background.

Color Contrast Check

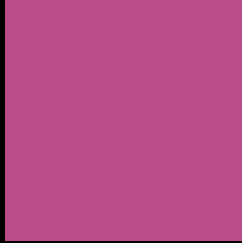
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0085, 17.3331, 25.9669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

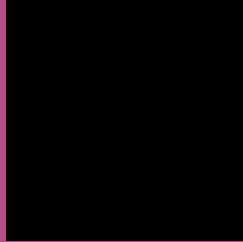
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 27.0085, 17.3331, 25.9669

Background



This preview shows how black text looks on a background with the XYZ color 27.0085, 17.3331, 25.9669.



This preview shows how white text looks on a background with the XYZ color 27.0085, 17.3331,

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

27.0085, 17.3331, 25.9669

Protanopia

18.2891, 17.7448, 38.0585

Deuteranopia

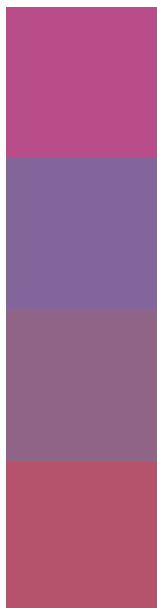
17.8157, 17.4693, 24.2627



Tritanopia

24.2064, 17.3100, 12.4213

Trichromacy



Original Color

27.0085, 17.3331, 25.9669

Protanomaly

19.9301, 16.4992, 33.1446

Deuteranomaly

20.1879, 16.6752, 24.7089

Tritanomaly

24.9096, 17.1144, 16.4585

Monochromacy



Original Color

27.0085, 17.3331, 25.9669

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

19.3740, 16.6207, 21.2558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0085, 17.3331, 25.9669 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(184, 77, 138)` looks like.

```
.text, #text, p{  
    color:rgb(184, 77, 138)  
}
```

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(184, 77, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 77, 138) }
```

Border

The CSS property to change the border of an element to XYZ 27.0085, 17.3331, 25.9669 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(184, 77, 138) }
```


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

```
.border{ border-color:rgb(184, 77, 138) }
```

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

Here you see how a box with a 4 pixel rgb(184, 77, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 77, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 77, 138);  
box-shadow:4px 4px 4px 4px rgb(184, 77,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0085, 17.3331, 25.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 77, 138) }
```

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

```
.background{ background-color: rgb(184, 77,  
138) }
```

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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