

Converting Colors

XYZ(26.3085, 17.5663, 13.5593)

Have a look what the booklet for
XYZ(26.3085, 17.5663, 13.5593)
contains.

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Color

**XYZ(26.3085, 17.5663,
13.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	BE5062
RGB	190, 80, 98
RGB Percent	75%, 31%, 38%
CMY	0.2549, 0.6862, 0.6157
CMYK	0.00, 0.58, 0.48, 0.25
HSL	350°, 46%, 53%
HSV	350°, 58%, 75%
XYZ	26.3085, 17.5663, 13.5593
YIQ	114.9420, 59.7820, 28.9180

Conversions

Conversions Part 2

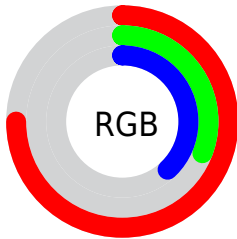
Format	Color
R_{YB}	190, 80, 98
Decimal	12472418
CIE _{Lab}	48.97, 45.83, 12.14
CIE _{LCh}	49, 47.408, 14.831
Yxy	17.5663, 0.4581, 0.3059
Android (android.graphics.Color)	4290662498 (0xFFBE5062)
YUV	114.9420, -8.3524, 65.8259
Hunter-Lab	41.9122, 38.6991, 10.1572

Details

The XYZ color **26.3085, 17.5663, 13.5593** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.1692, 41.5114, 45.5077**, and the grayscale version is **16.2906, 17.1389, 18.6643**.

A 20% lighter version of the original color is **53.2367, 39.2690, 33.2076**, and **10.4832, 5.8487, 3.8252** is the 20% darker color. If you saturate the color by 10%, you get **24.4314, 14.8962, 9.5920**, and if you desaturate by 10%, it is **28.7288, 21.0845, 18.4430**.

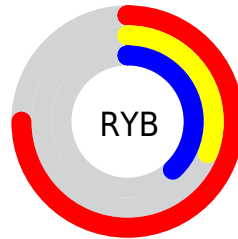
Distribution



Red (75%)

Green (31%)

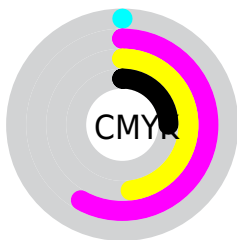
Blue (38%)



Red (75%)

Yellow (31%)

Blue (38%)

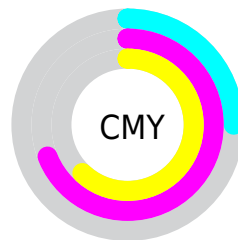


Cyan (0%)

Magenta (58%)

Yellow (48%)

Black (25%)



Cyan (25%)


Magenta (69%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3085, 17.5663, 13.5593 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 26.3085, 17.5663, 13.5593 by changing the saturation by 10% instead.


 26.3085, 17.5663,
13.5593


 26.3085, 17.5663,
13.5593


276.5222,
238.4150, 225.8040


 17.1885, 10.6391,
7.6796


 53.2000, 39.2969,
33.0108


 10.4651, 5.8247,
3.8058


 71.7021, 54.8691,
47.4196


 5.7730, 2.7388,
1.5194

 94.0624, 74.0917,
65.5086

 2.7469, 0.9969,
0.2323

 120.6460, 97.3491,
87.6962

 1.0214, 0.0000,
0.0000

 151.8185,
125.0258, 114.4010

 0.0000, 0.0000,
0.0000

187.9451,

157.5060, 146.0415

229.3912,
195.1743, 183.0364

■ 26.3085, 17.5663,
13.5593

■ 26.3085, 17.5663,
13.5593

■ 24.4314, 14.8962,
9.5920

■ 28.7288, 21.0845,
18.4430

■ 23.0532, 12.9994,
6.4820

■ 31.7291, 25.5114,
24.2951

■ 22.1245, 11.7933,
4.1648

■ 35.3449, 30.9055,
31.1645

■ 21.5737, 11.1521,
2.5619

■ 39.6079, 37.3195,
39.0970

■ 21.4836, 11.0465,
2.3019

■ 44.5481, 44.8022,
48.1351

■ 50.1932, 53.3994,
58.3192

■ 56.5697, 63.1543,
69.6876

■ 63.7025, 74.1075,
82.2769

■ 71.6154, 86.2978,
96.1221

Harmonies

Analogous

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



26.2910, 17.5663, 26.2112



26.3085, 17.5663, 13.5593



23.4611, 17.5663, 6.6056

Triad

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



26.3085, 17.5663, 13.5593



11.4029, 17.5663, 6.5559



14.5742, 17.5663, 53.4458

Complementary

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



26.3085, 17.5663, 13.5593



29.1692, 41.5114, 45.5077

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.



11.3755, 17.5663, 41.8664



26.3085, 17.5663, 13.5593



9.7762, 17.5663, 13.4498

Square

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



26.3085, 17.5663, 13.5593



14.6183, 17.5663, 3.9453



9.7672, 17.5663, 26.0412



18.9623, 17.5663, 53.5193

Rectangle

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



26.3085, 17.5663, 13.5593



20.5686, 17.5663, 4.4911



9.7672, 17.5663, 26.0412



13.3433, 17.5663, 50.6021

Sweetspot

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



26.3089, 17.5672, 13.5596



72.2909, 68.4069, 71.7999



29.1038, 18.1890, 50.6921



15.5046, 14.4633, 15.0841



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



26.3089, 17.5672, 13.5596



43.6420, 26.1124, 15.9969



29.0064, 24.1724, 10.7276



9.5921, 9.5612, 10.2412



14.3052, 7.3532, 1.6347



0.5805, 0.2961, 0.1703

Inverse Universe

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



26.3089, 17.5672, 13.5596



43.6420, 26.1124, 15.9969



24.0493, 28.3159, 52.9132



9.5921, 9.5612, 10.2412



14.3052, 7.3532, 1.6347



0.5805, 0.2961, 0.1703

Previews

White Background



This preview shows how the XYZ color 26.3085, 17.5663, 13.5593 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 26.3085, 17.5663, 13.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

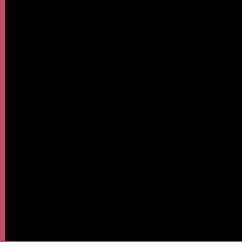
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3085, 17.5663, 13.5593

Background



This preview shows how black text looks on a background with the XYZ color 26.3085, 17.5663, 13.5593.



This preview shows how white text looks on a background with the XYZ color 26.3085, 17.5663,

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

26.3085, 17.5663, 13.5593

Protanopia

17.0640, 17.6971, 19.3461

Deuteranopia

17.9233, 17.6129, 12.8109



Tritanopia

25.7239, 17.5415, 11.0469

Trichromacy



Original Color

26.3085, 17.5663, 13.5593

Protanomaly

19.3418, 16.8460, 16.9840

Deuteranomaly

20.3330, 17.0085, 13.0378

Tritanomaly

25.8170, 17.4590, 11.9067

Monochromacy



Original Color

26.3085, 17.5663, 13.5593

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

18.6670, 16.3577, 16.6415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3085, 17.5663, 13.5593 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(190, 80, 98)` looks like.

```
.text, #text, p{  
    color:rgb(190, 80, 98)  
}
```

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(190, 80, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 80, 98) }
```

Border

The CSS property to change the border of an element to XYZ 26.3085, 17.5663, 13.5593 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(190, 80, 98) }
```


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

```
.border{ border-color:rgb(190, 80, 98) }
```

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

Here you see how a box with a 4 pixel rgb(190, 80, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 80, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 80, 98);  
box-shadow:4px 4px 4px 4px rgb(190, 80,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3085, 17.5663, 13.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 80, 98) }
```

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

```
.background{ background-color: rgb(190, 80,  
98) }
```

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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