

Converting Colors

XYZ(26.6471, 17.4310, 25.6292)

Have a look what the booklet for
XYZ(26.6471, 17.4310, 25.6292)
contains.

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Color

**XYZ(26.6754, 17.4885,
25.6366)**

Conversions

Conversions Part 1

Format	Color
Hex	B65089
RGB	182, 80, 137
RGB Percent	71%, 31%, 54%
CMY	0.2863, 0.6863, 0.4627
CMYK	0.00, 0.56, 0.25, 0.29
HSL	326°, 41%, 51%
HSV	326°, 56%, 71%
XYZ	26.6754, 17.4885, 25.6366
YIQ	116.9960, 42.4950, 39.3510

Conversions

Conversions Part 2

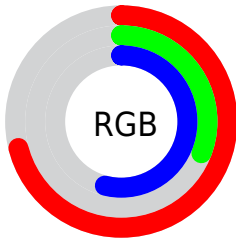
Format	Color
R_{YB}	182, 80, 137
Decimal	11948169
CIE _{Lab}	48.87, 47.75, -11.65
CIE _{LCh}	49, 49.152, 346.284
Yxy	17.4885, 0.3822, 0.2505
Android (android.graphics.Color)	4290138249 (0xFFB65089)
YUV	116.9960, 9.8620, 57.0085
Hunter-Lab	41.8193, 40.6768, -7.0733

Details

The XYZ color **26.6754, 17.4885, 25.6366** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **23.7387, 36.6425, 25.2253**, and the grayscale version is **16.8691, 17.7476, 19.3271**.

A 20% lighter version of the original color is **53.6170, 39.0180, 53.4205**, and **10.6511, 5.7770, 9.5705** is the 20% darker color. If you saturate the color by 10%, you get **24.9640, 14.9534, 22.3292**, and if you desaturate by 10%, it is **28.7916, 20.7642, 29.2907**.

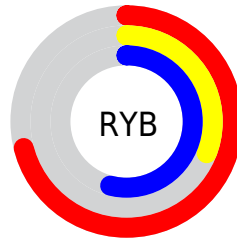
Distribution



Red (71%)

Green (31%)

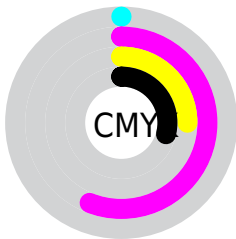
Blue (54%)



Red (71%)

Yellow (31%)

Blue (54%)

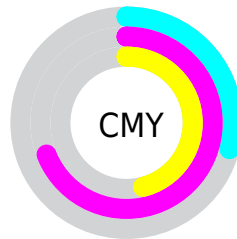


Cyan (0%)

Magenta (56%)

Yellow (25%)

Black (29%)



Cyan (29%)

Magenta (69%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6754, 17.4885, 25.6366 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 26.6754, 17.4885, 25.6366 by changing the saturation by 10% instead.

■ 26.6754, 17.4885,
25.6366

■ 26.6754, 17.4885,
25.6366

278.2783,
237.9719, 294.5421

■ 17.4649, 10.5834,
16.3287

■ 53.7861, 39.1638,
53.6650

■ 10.6639, 5.7874,
9.6001

■ 72.4171, 54.7028,
73.2225

■ 5.9069, 2.7163,
5.0325

■ 94.9189, 73.8885,
97.0336

■ 2.8287, 0.9855,
2.2073

■ 121.6569, 97.1053,
125.5168

■ 1.0638, 0.0000,
0.6786

■ 152.9965,
124.7377, 159.0908

■ 0.0000, 0.0000,
0.0000

189.3030,

157.1700, 198.1739

230.9419,
194.7866, 243.1849

■ 26.6754, 17.4885,
25.6366

■ 26.6754, 17.4885,
25.6366

■ 24.9640, 14.9534,
22.3292

■ 28.7916, 20.7642,
29.2907

■ 23.6251, 13.0962,
19.3528

■ 31.3384, 24.8314,
33.3043

■ 22.6235, 11.8481,
16.6911

■ 34.3414, 29.7395,
37.6901

■ 21.9134, 11.1190,
14.3239

■ 37.8236, 35.5330,
42.4601

■ 21.6750, 10.8985,
13.4544

■ 41.8061, 42.2533,
47.6254

■ 46.3092, 49.9391,
53.1966

■ 51.3516, 58.6271,
59.1840

■ 56.9514, 68.3518,
65.5973

■ 63.1256, 79.1463,
72.4457

Harmonies

Analogous

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



23.7972, 17.4885, 42.1946



26.6754, 17.4885, 25.6366



26.5363, 17.4885, 12.8344

Triad

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



26.6754, 17.4885, 25.6366



14.2835, 17.4885, 3.6801



11.2704, 17.4885, 43.5611

Complementary

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



26.6754, 17.4885, 25.6366



23.7387, 36.6425, 25.2253

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.



9.5479, 17.4885, 26.9844



26.6754, 17.4885, 25.6366



11.0574, 17.4885, 6.4281

Square

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



26.6754, 17.4885, 25.6366



18.7887, 17.4885, 3.5836



9.4778, 17.4885, 13.6880



14.6292, 17.4885, 55.3257

Rectangle

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



26.6754, 17.4885, 25.6366



24.7371, 17.4885, 7.7140



9.4778, 17.4885, 13.6880



10.5101, 17.4885, 38.0977

Sweetspot

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



26.6759, 17.4894, 25.6369



67.7379, 63.0214, 75.8628



19.6541, 13.4157, 45.8098



14.6720, 13.4363, 16.3658



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.



26.6759, 17.4894, 25.6369



44.6975, 26.3079, 39.3047



23.8729, 16.3681, 10.8762



9.2090, 9.0940, 10.4482



15.3405, 7.7100, 9.6798



0.5714, 0.2840, 0.5023

Inverse Universe

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



26.6759, 17.4894, 25.6369



44.6975, 26.3079, 39.3047



27.7943, 38.2648, 46.5818



9.2090, 9.0940, 10.4482



15.3405, 7.7100, 9.6798



0.5714, 0.2840, 0.5023

Previews

White Background



This preview shows how the XYZ color 26.6754, 17.4885, 25.6366 looks on a white background.

Color Contrast Check

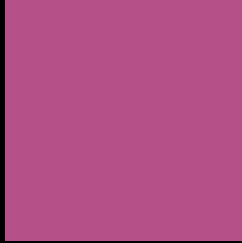
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6754, 17.4885, 25.6366 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 26.6754, 17.4885, 25.6366

Background



This preview shows how black text looks on a background with the XYZ color 26.6754, 17.4885, 25.6366.



This preview shows how white text looks on a background with the XYZ color 26.6754, 17.4885,

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

26.6754, 17.4885, 25.6366

Protanopia

18.2458, 17.7537, 36.6476

Deuteranopia

18.0673, 17.7655, 24.3066



Tritanopia

23.9980, 17.4360, 12.9271

Trichromacy



Original Color

26.6754, 17.4885, 25.6366

Protanomaly

20.0169, 16.7082, 32.3070

Deuteranomaly

20.3821, 17.0636, 24.7736

Tritanomaly

24.7327, 17.3651, 16.8001

Monochromacy



Original Color

26.6754, 17.4885, 25.6366

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

19.5729, 17.0186, 21.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6754, 17.4885, 25.6366 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(182, 80, 137)` looks like.

```
.text, #text, p{  
    color:rgb(182, 80, 137)  
}
```

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(182, 80, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 80, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.6754, 17.4885, 25.6366 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(182, 80, 137) }
```


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

```
.border{ border-color:rgb(182, 80, 137) }
```

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

Here you see how a box with a 4 pixel rgb(182, 80, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 80, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 80, 137);  
box-shadow:4px 4px 4px 4px rgb(182, 80,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6754, 17.4885, 25.6366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 80, 137) }
```

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

```
.background{ background-color: rgb(182, 80,  
137) }
```

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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