

Converting Colors

XYZ(26.5935, 25.8999, 53.6084)

Have a look what the booklet for
XYZ(26.5935, 25.8999, 53.6084)
contains.

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Color

**XYZ(26.6285, 25.9080,
53.4665)**

Conversions

Conversions Part 1

Format	Color
Hex	7B89C0
RGB	123, 137, 192
RGB Percent	48%, 54%, 75%
CMY	0.5176, 0.4627, 0.2471
CMYK	0.36, 0.29, 0.00, 0.25
HSL	228°, 35%, 62%
HSV	228°, 36%, 75%
XYZ	26.6285, 25.9080, 53.4665
YIQ	139.0840, -25.9990, 14.1370

Conversions

Conversions Part 2

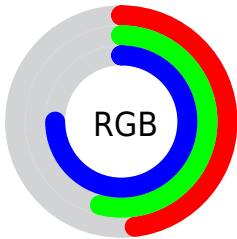
Format	Color
R_{YB}	123, 135, 192
Decimal	8096192
CIE _{Lab}	57.95, 8.42, -30.29
CIE _{LCh}	58, 31.436, 285.538
Yxy	25.9080, 0.2512, 0.2444
Android (android.graphics.Color)	4286286272 (0xFF7B89C0)
YUV	139.0840, 26.0876, -14.1057
Hunter-Lab	50.8999, 4.3082, -26.6497

Details

The XYZ color **26.6285, 25.9080, 53.4665** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.2346, 44.4784, 25.1519**, and the grayscale version is **24.4835, 25.7586, 28.0511**.

A 20% lighter version of the original color is **53.6438, 53.0136, 97.0278**, and **10.5942, 9.9910, 25.4148** is the 20% darker color. If you saturate the color by 10%, you get **22.1231, 20.5820, 52.6764**, and if you desaturate by 10%, it is **31.9829, 32.1308, 54.3859**.

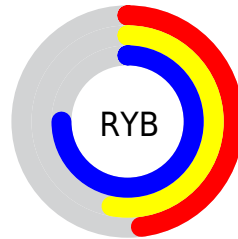
Distribution



Red (48%)

Green (54%)

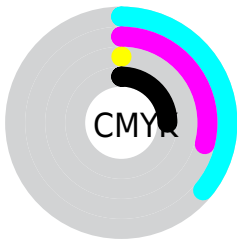
Blue (75%)



Red (48%)

Yellow (53%)

Blue (75%)

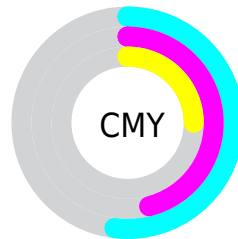


Cyan (36%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (52%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6285, 25.9080, 53.4665 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 26.6285, 25.9080, 53.4665 by changing the saturation by 10% instead.

■ 26.6285, 25.9080,
53.4665

■ 26.6285, 25.9080,
53.4665

278.0543,
282.3302, 417.1893

■ 17.4296, 16.7548,
37.7850

■ 53.7113, 53.1265,
96.7390

■ 10.6384, 10.0598,
25.5154

■ 72.3258, 71.9606,
125.1670

■ 5.8897, 5.4387,
16.2389

■ 94.8095, 94.7905,
158.6810

■ 2.8182, 2.5069,
9.5372

121.5279,
122.0005, 197.6996

■ 1.0584, 0.8801,
4.9916

152.8462,
153.9751, 242.6411

■ 0.0000, 0.0000,
2.1837

189.1298,

■ 0.0000, 0.0000,

191.0986, 293.9242

0.6649

230.7440,
233.7555, 351.9674

■ 0.0000, 0.0000,
0.0000

■ 26.6285, 25.9080,
53.4665

■ 26.6285, 25.9080,
53.4665

■ 22.1231, 20.5820,
52.6764

■ 31.9829, 32.1308,
54.3859

■ 18.4196, 16.1079,
52.0080

■ 38.2250, 39.2869,
55.4382

■ 15.4699, 12.4407,
51.4556

■ 45.3940, 47.4141,
56.6290

■ 13.2200, 9.5305,
51.0125

■ 53.5262, 56.5473,
57.9633

■ 11.6077, 7.3210,
50.6710

■ 62.6557, 66.7197,
59.4456

■ 10.5573, 5.7463,
50.4224

■ 72.8152, 77.9628,
61.0803

■ 10.2386, 5.2539,
50.3442

■ 83.1457, 89.8482,
62.8299

■ 86.5145, 96.5858,
63.9528

Harmonies

Analogous

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



22.8497, 25.9080, 53.6220



26.6285, 25.9080, 53.4665



30.1994, 25.9080, 45.4940

Triad

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



26.6285, 25.9080, 53.4665



30.0887, 25.9080, 15.7840



18.2221, 25.9080, 23.3127

Complementary

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



26.6285, 25.9080, 53.4665



41.2346, 44.4784, 25.1519

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.



19.7822, 25.9080, 15.9729



26.6285, 25.9080, 53.4665



26.4895, 25.9080, 12.4446

Square

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



26.6285, 25.9080, 53.4665



32.3324, 25.9080, 22.9809



22.7242, 25.9080, 12.5034



18.2511, 25.9080, 34.1763

Rectangle

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



26.6285, 25.9080, 53.4665



31.8697, 25.9080, 37.7620



22.7242, 25.9080, 12.5034



18.5705, 25.9080, 20.4212

Sweetspot

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



26.6294, 25.9090, 53.4671



75.2300, 77.9707, 101.4451



34.9597, 45.0873, 48.4820



15.7635, 16.3008, 21.7008



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.



26.6294, 25.9090, 53.4671



41.7904, 39.3245, 95.7481



27.8483, 23.7724, 52.9905



9.6902, 10.0716, 12.7181



6.9348, 3.6262, 33.8910



0.3496, 0.2567, 1.4810

Inverse Universe

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



33.3374, 27.1796, 27.1569



55.8505, 42.4728, 40.4924



39.5378, 47.9517, 25.9118



10.1549, 10.1106, 10.9063



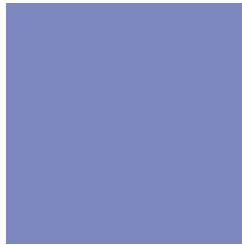
14.8964, 7.6483, 2.1004



0.6689, 0.3406, 0.2236

Previews

White Background



This preview shows how the XYZ color 26.6285, 25.9080, 53.4665 looks on a white background.

Color Contrast Check

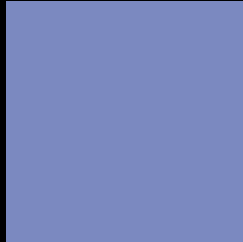
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.6285, 25.9080, 53.4665 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 26.6285, 25.9080, 53.4665

Background



This preview shows how black text looks on a background with the XYZ color 26.6285, 25.9080, 53.4665.



This preview shows how white text looks on a background with the XYZ color 26.6285, 25.9080,

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

26.6285, 25.9080, 53.4665

Protanopia

26.6285, 25.9080, 53.4665

Deuteranopia

26.4861, 25.8347, 53.4598



Tritanopia

22.8291, 25.8905, 34.8045

Trichromacy



Original Color

26.6285, 25.9080, 53.4665

Protanomaly

26.6285, 25.9080, 53.4665

Deuteranomaly

26.4861, 25.8347, 53.4598

Tritanomaly

23.9289, 25.6588, 40.7372

Monochromacy



Original Color

26.6285, 25.9080, 53.4665

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.9329, 25.6321, 35.9811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6285, 25.9080, 53.4665 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(123, 137, 192)` looks like.

```
.text, #text, p{  
    color:rgb(123, 137, 192)  
}
```

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(123, 137, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 137, 192) }
```

Border

The CSS property to change the border of an element to XYZ 26.6285, 25.9080, 53.4665 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(123, 137, 192) }
```


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

```
.border{ border-color:rgb(123, 137, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 137, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 137, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 137, 192);  
box-shadow:4px 4px 4px 4px rgb(123, 137,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6285, 25.9080, 53.4665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 137, 192) }
```

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

```
.background{ background-color: rgb(123,  
137, 192) }
```

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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