

# Converting Colors

XYZ(26.4138, 26.3877, 59.0831)

Have a look what the booklet for  
XYZ(26.4138, 26.3877, 59.0831)  
contains.

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# Color

**XYZ(26.3511, 26.2882,  
58.9436)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E8CC9
RGB	110, 140, 201
RGB Percent	43%, 55%, 79%
CMY	0.5686, 0.4510, 0.2118
CMYK	0.45, 0.30, 0.00, 0.21
HSL	220°, 46%, 61%
HSV	220°, 45%, 79%
XYZ	26.3511, 26.2882, 58.9436
YIQ	137.9840, -37.4610, 12.6110

# Conversions

## Conversions Part 2

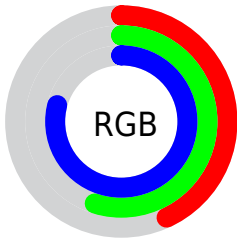
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	110, 133, 201
Decimal	7245001
CIE Lab	58.31, 5.73, -34.88
CIE LCh	58, 35.348, 279.328
Yxy	26.2882, 0.2362, 0.2356
Android (android.graphics.Color)	4285435081 (0xFF6E8CC9)
YUV	137.9840, 31.0669, -24.5420
Hunter-Lab	51.2720, 2.0135, -32.2709

# Details

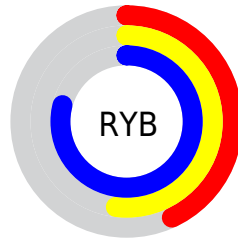
The XYZ color **26.3511, 26.2882, 58.9436** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **41.4657, 42.6703, 20.8037**, and the grayscale version is **24.0477, 25.3001, 27.5518**.

A 20% lighter version of the original color is **52.6370, 53.3593, 102.1328**, and **10.4982, 10.2311, 29.0253** is the 20% darker color. If you saturate the color by 10%, you get **22.2784, 21.4431, 58.2236**, and if you desaturate by 10%, it is **31.2339, 31.9098, 59.7718**.

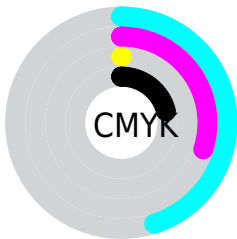
# Distribution



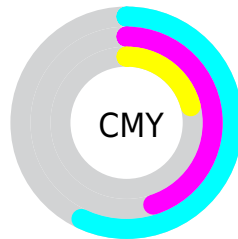
- Red (43%)
- Green (55%)
- Blue (79%)



- Red (43%)
- Yellow (52%)
- Blue (79%)



- Cyan (45%)
- Magenta (30%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (45%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3511, 26.2882, 58.9436 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 26.3511, 26.2882, 58.9436 by changing the saturation by 10% instead.



■ 26.3511, 26.2882,  
58.9436

■ 26.3511, 26.2882,  
58.9436

276.7266,  
284.1940, 438.3889

■ 17.2205, 17.0394,  
42.1480

■ 53.2681, 53.7395,  
104.8240

■ 10.4881, 10.2626,  
28.8908

■ 71.7852, 72.7108,  
134.7459

■ 5.7885, 5.5734,  
18.7533

■ 94.1620, 95.6917,  
169.8803

■ 2.7564, 2.5875,  
11.3172

120.7636,  
123.0666, 210.6458

■ 1.0263, 0.9204,  
6.1637

151.9555,  
155.2198, 257.4608

■ 0.0000, 0.0000,  
2.8745

188.1031,

■ 0.0000, 0.0000,

192.5359, 310.7440

1.0309

229.5717,  
235.3992, 370.9139

■ 0.0000, 0.0000,  
0.0000

■ 26.3511, 26.2882,  
58.9436

■ 26.3511, 26.2882,  
58.9436

■ 22.2784, 21.4431,  
58.2236

■ 31.2339, 31.9098,  
59.7718

■ 18.9656, 17.3343,  
57.6051

■ 36.9675, 38.3396,  
60.7107

■ 16.3606, 13.9218,  
57.0837

■ 43.5931, 45.6110,  
61.7650

■ 14.4030, 11.1598,  
56.6538

■ 51.1481, 53.7544,  
62.9387

■ 13.0202, 8.9954,  
56.3089

■ 59.6678, 62.7987,  
64.2354

■ 12.5063, 8.1442,  
56.1717

■ 69.1858, 72.7715,  
65.6586

■ 79.7338, 83.6990,  
67.2119

■ 85.2865, 92.4847,  
68.6151

■ 87.5427, 96.9971,  
69.3671

# Harmonies

## Analogous

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



22.1782, 26.2882, 57.0035



26.3511, 26.2882, 58.9436



30.6040, 26.2882, 51.1386

# Triad

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



26.3511, 26.2882, 58.9436



31.9468, 26.2882, 16.0811



18.0181, 26.2882, 21.0481

# Complementary

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



26.3511, 26.2882, 58.9436



41.4657, 42.6703, 20.8037

# 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.



20.1016, 26.2882, 13.9302



26.3511, 26.2882, 58.9436



28.0217, 26.2882, 11.6869

# Square

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



26.3511, 26.2882, 58.9436



34.0703, 26.2882, 24.9525



23.6692, 26.2882, 11.0324



17.6799, 26.2882, 32.6377



# Rectangle

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



26.3511, 26.2882, 58.9436



32.7979, 26.2882, 42.4896



23.6692, 26.2882, 11.0324



18.5251, 26.2882, 18.1590

# Sweetspot

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



26.3520, 26.2892, 58.9442



75.9490, 79.5171, 105.9531



34.6369, 48.0166, 45.8052



15.6884, 16.4025, 22.5891



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

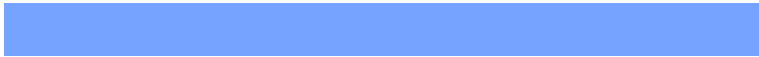


# Same Dimension

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



26.3520, 26.2892, 58.9442



38.4695, 37.1087, 99.7429



24.6014, 19.7426, 57.7729



10.3375, 10.8491, 13.4667



7.9387, 5.2714, 35.3434



0.4426, 0.3829, 1.6957



# Inverse Universe

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



34.3978, 25.4639, 27.9139



54.2198, 36.6860, 38.7304



43.9111, 53.3179, 22.7300



10.7756, 10.6936, 11.8019



15.8064, 8.0721, 4.1905



0.7821, 0.3957, 0.3756



# Previews

## White Background



This preview shows how the XYZ color 26.3511, 26.2882, 58.9436 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

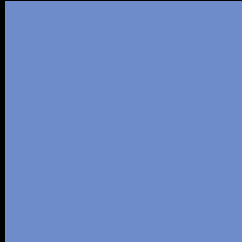
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 26.3511, 26.2882, 58.9436 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

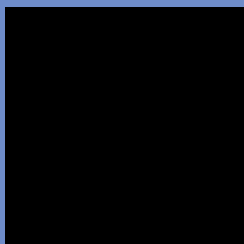
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

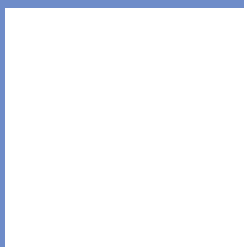
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 26.3511, 26.2882, 58.9436**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.3511, 26.2882, 58.9436.



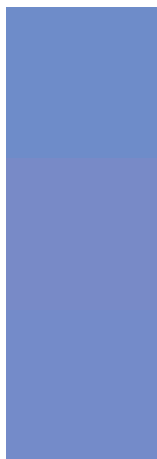
This preview shows how white text looks on a background with the XYZ color 26.3511, 26.2882,



# 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

26.3511, 26.2882, 58.9436

### Protanopia

27.1430, 26.2935, 57.6774

### Deuteranopia

26.9777, 26.3953, 58.9313



## Tritanopia

21.9721, 26.3145, 37.1789

# Trichromacy



## Original Color

26.3511, 26.2882, 58.9436

## Protanomaly

26.8604, 26.3484, 58.3136

## Deuteranomaly

26.7147, 26.2597, 58.9190

## Tritanomaly

23.3428, 26.1707, 44.3786

# Monochromacy



## Original Color

26.3511, 26.2882, 58.9436

## Achromatopsia

24.1572, 25.4152, 27.6772

## Achromatomaly

24.5677, 25.6276, 37.3700

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.3511, 26.2882, 58.9436 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(110, 140, 201)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 201)  
}
```

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(110, 140, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 201) }
```

## Border

The CSS property to change the border of an element to XYZ 26.3511, 26.2882, 58.9436 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(110, 140, 201) }
```



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

```
.border{ border-color:rgb(110, 140, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 201);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
201) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.3511, 26.2882, 58.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 201) }
```

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

```
.background{ background-color: rgb(110,  
140, 201) }
```

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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