

Converting Colors

XYZ(25.6999, 27.0247, 51.5868)

Have a look what the booklet for
XYZ(25.6999, 27.0247, 51.5868)
contains.

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Color

**XYZ(25.6059, 26.9569,
51.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	6F90BC
RGB	111, 144, 188
RGB Percent	44%, 56%, 74%
CMY	0.5647, 0.4353, 0.2627
CMYK	0.41, 0.23, 0.00, 0.26
HSL	214°, 36%, 59%
HSV	214°, 41%, 74%
XYZ	25.6059, 26.9569, 51.4306
YIQ	139.1490, -33.7920, 6.6880

Conversions

Conversions Part 2

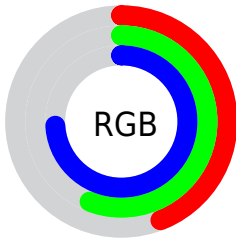
Format	Color
R_{YB}	111, 134, 188
Decimal	7311548
CIE _{Lab}	58.93, -0.07, -26.56
CIE _{LCh}	59, 26.561, 269.857
Yxy	26.9569, 0.2462, 0.2592
Android (android.graphics.Color)	4285501628 (0xFF6F90BC)
YUV	139.1490, 24.0835, -24.6867
Hunter-Lab	51.9200, -2.8275, -22.3871

Details

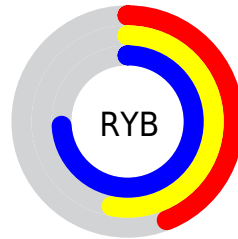
The XYZ color **25.6059, 26.9569, 51.4306** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **35.3302, 35.2824, 19.9879**, and the grayscale version is **24.5182, 25.7951, 28.0908**.

A 20% lighter version of the original color is **52.0403, 54.9192, 93.4456**, and **10.1208, 10.6542, 24.4447** is the 20% darker color. If you saturate the color by 10%, you get **21.9343, 22.7630, 50.8151**, and if you desaturate by 10%, it is **29.9320, 31.7192, 52.1223**.

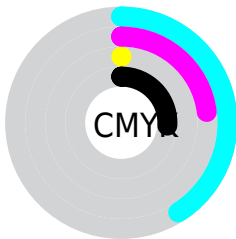
Distribution



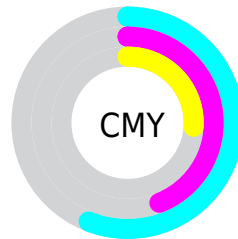
- Red (44%)
- Green (56%)
- Blue (74%)



- Red (44%)
- Yellow (53%)
- Blue (74%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (56%)
- Magenta (44%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6059, 26.9569, 51.4306 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 25.6059, 26.9569, 51.4306 by changing the saturation by 10% instead.

■ 25.6059, 26.9569,
51.4306

■ 25.6059, 26.9569,
51.4306

273.1344,
287.4484, 409.1287

■ 16.6602, 17.5409,
36.1723

■ 52.0743, 54.8147,
93.7090

■ 10.0863, 10.6209,
24.2766

■ 70.3277, 74.0252,
121.5661

■ 5.5189, 5.8125,
15.3248

■ 92.4144, 97.2694,
154.4600

■ 2.5927, 2.7314,
8.8985

■ 118.6997,
124.9316, 192.8091

■ 0.9422, 0.9932,
4.5791

149.5490,
157.3962, 237.0319

■ 0.0000, 0.0000,
1.9481

185.3277,

■ 0.0000, 0.0000,

195.0476, 287.5471

0.5231

226.4010,
238.2702, 344.7732

■ 0.0000, 0.0000,
0.0000

■ 25.6059, 26.9569,
51.4306

■ 25.6059, 26.9569,
51.4306

■ 21.9343, 22.7630,
50.8151

■ 29.9320, 31.7192,
52.1223

■ 18.8787, 19.1095,
50.2710

■ 34.9427, 37.0699,
52.8910

■ 16.4004, 15.9705,
49.7957

■ 40.6696, 43.0317,
53.7399

■ 14.4546, 13.3159,
49.3858

■ 47.1411, 49.6250,
54.6714

■ 12.9890, 11.1112,
49.0375

■ 54.3844, 56.8692,
55.6880

■ 11.9880, 9.4525,
48.7701

■ 62.4249, 64.7829,
56.7917

■ 71.2870, 73.3837,
57.9847

■ 78.5987, 81.4539,
59.1570

■ 81.6801, 87.6168,
60.1842

Harmonies

Analogous

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



22.5769, 26.9569, 47.9541



25.6059, 26.9569, 51.4306



28.8990, 26.9569, 48.0170

Triad

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



25.6059, 26.9569, 51.4306



31.5039, 26.9569, 21.2304



20.5351, 26.9569, 21.1672

Complementary

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



25.6059, 26.9569, 51.4306



35.3302, 35.2824, 19.9879

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.



22.6021, 26.9569, 16.2845



25.6059, 26.9569, 51.4306



28.9288, 26.9569, 16.3151

Square

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



25.6059, 26.9569, 51.4306



32.4766, 26.9569, 29.3968



25.6376, 26.9569, 14.7155



19.8064, 26.9569, 29.3062

Rectangle

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



25.6059, 26.9569, 51.4306



30.7637, 26.9569, 42.6375



25.6376, 26.9569, 14.7155



21.0872, 26.9569, 19.1592

Sweetspot

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



25.6068, 26.9579, 51.4312



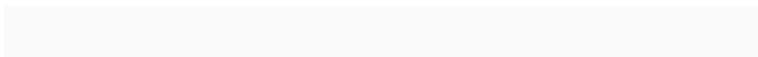
72.3471, 76.5862, 97.1957



30.4251, 41.7009, 37.2955



15.2560, 16.1573, 20.8572



90.7827, 95.5105, 104.0109



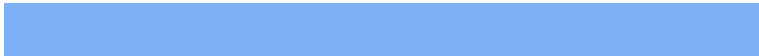
18.6292, 19.5994, 21.3438

Same Dimension

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



25.6068, 26.9579, 51.4312



40.4619, 42.0804, 92.2160



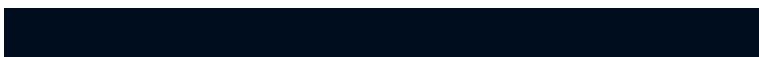
21.9826, 18.7228, 50.0327



9.3437, 9.8796, 12.0867



8.2327, 6.5771, 33.2285



0.3875, 0.3876, 1.3233

Inverse Universe

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



31.4583, 24.0747, 29.3755



52.7627, 37.1501, 45.5974



40.3498, 47.1657, 22.0170



9.6953, 9.6024, 10.7845



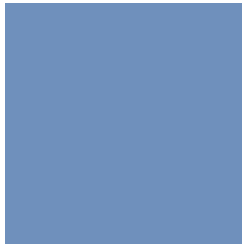
15.1563, 7.6937, 6.1164



0.6265, 0.3145, 0.4123

Previews

White Background



This preview shows how the XYZ color 25.6059, 26.9569, 51.4306 looks on a white background.

Color Contrast Check

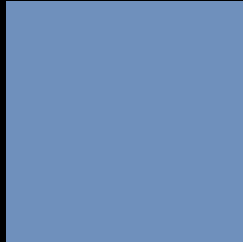
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6059, 26.9569, 51.4306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

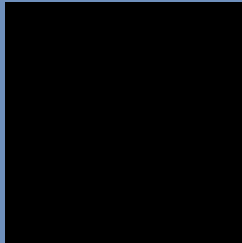
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

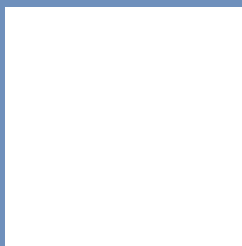
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6059, 26.9569, 51.4306

Background



This preview shows how black text looks on a background with the XYZ color 25.6059, 26.9569, 51.4306.

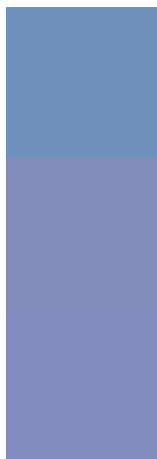


This preview shows how white text looks on a background with the XYZ color 25.6059, 26.9569,

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

25.6059, 26.9569, 51.4306

Protanopia

27.1883, 26.9261, 49.6632

Deuteranopia

27.4712, 26.8065, 51.8704



Tritanopia

22.8894, 27.0112, 37.7255

Trichromacy



Original Color

25.6059, 26.9569, 51.4306

Protanomaly

26.4138, 26.7325, 50.2221

Deuteranomaly

26.7362, 26.8615, 51.9197

Tritanomaly

23.8478, 26.9335, 42.4699

Monochromacy



Original Color

25.6059, 26.9569, 51.4306

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6639, 26.1512, 35.6460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6059, 26.9569, 51.4306 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(111, 144, 188)` looks like.

```
.text, #text, p{  
    color:rgb(111, 144, 188)  
}
```

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(111, 144, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 144, 188) }
```

Border

The CSS property to change the border of an element to XYZ 25.6059, 26.9569, 51.4306 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(111, 144, 188) }
```


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

```
.border{ border-color:rgb(111, 144, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 144, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 144, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 144, 188);  
box-shadow:4px 4px 4px 4px rgb(111, 144,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6059, 26.9569, 51.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 144, 188) }
```

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

```
.background{ background-color: rgb(111,  
144, 188) }
```

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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