

Converting Colors

XYZ(26.2805, 27.4105, 65.2789)

Have a look what the booklet for
XYZ(26.2805, 27.4105, 65.2789)
contains.

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Color

**XYZ(26.3511, 27.4851,
65.5443)**

Conversions

Conversions Part 1

Format	Color
Hex	5B92D3
RGB	91, 146, 211
RGB Percent	36%, 57%, 83%
CMY	0.6431, 0.4274, 0.1725
CMYK	0.57, 0.31, 0.00, 0.17
HSL	213°, 58%, 59%
HSV	213°, 57%, 83%
XYZ	26.3511, 27.4851, 65.5443
YIQ	136.9650, -53.6450, 8.5550

Conversions

Conversions Part 2

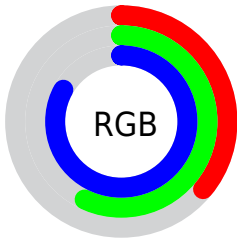
Format	Color
R _Y B	91, 129, 211
Decimal	6001363
CIE Lab	59.42, 0.94, -38.84
CIE LCh	59, 38.847, 271.387
Yxy	27.4851, 0.2207, 0.2302
Android (android.graphics.Color)	4284191443 (0xFF5B92D3)
YUV	136.9650, 36.4993, -40.3113
Hunter-Lab	52.4262, -2.0261, -37.4272

Details

The XYZ color **26.3511, 27.4851, 65.5443** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **40.6418, 38.3826, 15.1652**, and the grayscale version is **23.6466, 24.8781, 27.0922**.

A 20% lighter version of the original color is **51.0987, 54.9181, 102.5148**, and **10.4929, 10.9255, 33.0083** is the 20% darker color. If you saturate the color by 10%, you get **22.8814, 23.2107, 64.9027**, and if you desaturate by 10%, it is **30.5836, 32.4151, 66.2734**.

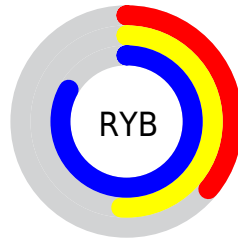
Distribution



Red (36%)

Green (57%)

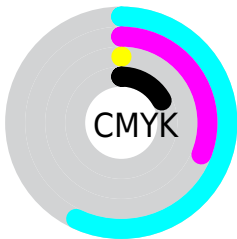
Blue (83%)



Red (36%)

Yellow (51%)

Blue (83%)

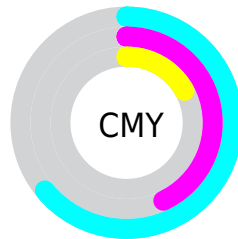


Cyan (57%)

Magenta (31%)

Yellow (0%)

Black (17%)



Cyan (64%)

Magenta (43%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3511, 27.4851, 65.5443 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, 27.4851, 65.5443 by changing the saturation by 10% instead.

■ 26.3511, 27.4851,
65.5443

■ 26.3511, 27.4851,
65.5443

276.7266,
289.9983, 463.1050

■ 17.2205, 17.9379,
47.4484

■ 53.2681, 55.6613,
114.4528

■ 10.4881, 10.9054,
33.0334

■ 71.7852, 75.0591,
146.1025

■ 5.7885, 6.0033,
21.8807

■ 94.1620, 98.5092,
183.1072

■ 2.7564, 2.8471,
13.5718

■ 120.7636,
126.3960, 225.8855

■ 1.0263, 1.0524,
7.6881

151.9555,
159.1040, 274.8559

■ 0.0000, 0.0000,
3.8111

188.1031,

■ 0.0000, 0.0000,

197.0174, 330.4369

1.5223

229.5717,
240.5207, 393.0471

■ 0.0000, 0.0000,
0.2345

■ 0.0000, 0.0000,
0.0000

■ 26.3511, 27.4851,
65.5443

■ 26.3511, 27.4851,
65.5443

■ 22.8814, 23.2107,
64.9027

■ 30.5836, 32.4151,
66.2734

■ 20.1160, 19.5529,
64.3424

■ 35.6254, 38.0307,
67.0915

■ 17.9915, 16.4713,
63.8596

■ 41.5226, 44.3631,
68.0030

■ 16.4252, 13.9149,
63.4487

■ 48.3165, 51.4405,
69.0110

■ 16.0056, 13.1985,
63.3325

■ 56.0458, 59.2892,
70.1186

■ 64.7469, 67.9344,
71.3287

■ 74.4538, 77.3997,
72.6440

■ 83.4089, 86.7851,
73.9836

■ 86.8324, 93.6321,
75.1248

Harmonies

Analogous

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



21.8907, 27.4851, 60.1864



26.3511, 27.4851, 65.5443



31.3111, 27.4851, 59.1580

Triad

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



26.3511, 27.4851, 65.5443



34.9616, 27.4851, 18.0186



18.7347, 27.4851, 18.8323

Complementary

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



26.3511, 27.4851, 65.5443



40.6418, 38.3826, 15.1652

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.



21.5436, 27.4851, 12.3733



26.3511, 27.4851, 65.5443



30.8701, 27.4851, 12.0165

Square

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



26.3511, 27.4851, 65.5443



36.6490, 27.4851, 29.2821



25.8977, 27.4851, 10.3243



17.8354, 27.4851, 30.5805

Rectangle

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



26.3511, 27.4851, 65.5443



34.1459, 27.4851, 49.9786



25.8977, 27.4851, 10.3243



19.4681, 27.4851, 16.1154

Sweetspot

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



26.3521, 27.4861, 65.5450



73.8218, 78.6076, 105.8897



33.5260, 51.1800, 39.1233



15.3250, 16.3344, 22.5951



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.



26.3521, 27.4861, 65.5450



34.2527, 34.5115, 99.4638



20.2193, 14.6194, 63.3847



11.6037, 12.2976, 15.0058



9.7593, 8.1652, 38.2542



0.6246, 0.6143, 2.1652

Inverse Universe

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



35.7942, 23.4075, 29.8266



50.6667, 29.8102, 36.8358



50.9154, 60.6099, 18.9141



12.0309, 11.8971, 13.4383



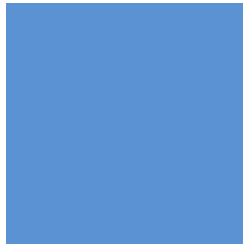
17.5568, 8.8955, 7.8381



1.0215, 0.5133, 0.6480

Previews

White Background



This preview shows how the XYZ color 26.3511, 27.4851, 65.5443 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, 27.4851, 65.5443 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

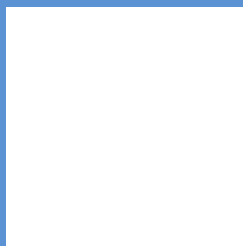
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3511, 27.4851, 65.5443

Background



This preview shows how black text looks on a background with the XYZ color 26.3511, 27.4851, 65.5443.

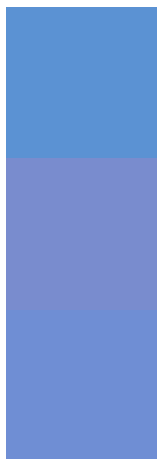


This preview shows how white text looks on a background with the XYZ color 26.3511, 27.4851,

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, 27.4851, 65.5443

Protanopia

28.4038, 27.2773, 62.1605

Deuteranopia

28.1122, 27.4790, 66.1097



Tritanopia

21.5204, 27.6886, 40.7694

Trichromacy



Original Color

26.3511, 27.4851, 65.5443

Protanomaly

27.4886, 27.2151, 63.4787

Deuteranomaly

27.4150, 27.3414, 66.1199

Tritanomaly

23.0837, 27.5808, 48.9067

Monochromacy



Original Color

26.3511, 27.4851, 65.5443

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8247, 25.4296, 38.7747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3511, 27.4851, 65.5443 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(91, 146, 211)` looks like.

```
.text, #text, p{  
    color:rgb(91, 146, 211)  
}
```

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(91, 146, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 146, 211) }
```

Border

The CSS property to change the border of an element to XYZ 26.3511, 27.4851, 65.5443 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(91, 146, 211) }
```


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

```
.border{ border-color:rgb(91, 146, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 146, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 146, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 146, 211);  
box-shadow:4px 4px 4px 4px rgb(91, 146,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3511, 27.4851, 65.5443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 146, 211) }
```

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

```
.background{ background-color: rgb(91, 146,  
211) }
```

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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