

Converting Colors

XYZ(26.5038, 26.8719, 77.1892)

Have a look what the booklet for
XYZ(26.5038, 26.8719, 77.1892)
contains.

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Color

**XYZ(26.5026, 26.8500,
77.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	4690E4
RGB	70, 144, 228
RGB Percent	27%, 56%, 89%
CMY	0.7255, 0.4353, 0.1059
CMYK	0.69, 0.37, 0.00, 0.11
HSL	212°, 75%, 58%
HSV	212°, 69%, 89%
XYZ	26.5026, 26.8500, 77.1845
YIQ	131.4500, -71.0680, 10.4360

Conversions

Conversions Part 2

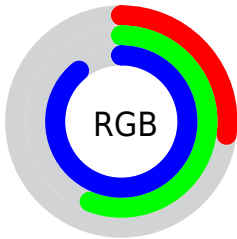
Format	Color
R _Y B	70, 120, 228
Decimal	4624612
CIE Lab	58.84, 4.09, -49.30
CIE LCh	59, 49.471, 274.739
Yxy	26.8500, 0.2030, 0.2057
Android (android.graphics.Color)	4282814692 (0xFF4690E4)
YUV	131.4500, 47.5992, -53.8916
Hunter-Lab	51.8170, 0.6169, -52.0441

Details

The XYZ color **26.5026, 26.8500, 77.1845** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **44.6581, 40.0506, 11.1728**, and the grayscale version is **21.5888, 22.7131, 24.7345**.

A 20% lighter version of the original color is **47.8478, 52.2208, 102.1655**, and **11.4491, 10.9840, 40.5464** is the 20% darker color. If you saturate the color by 10%, you get **23.4206, 22.6806, 76.5427**, and if you desaturate by 10%, it is **30.4079, 31.7371, 77.9226**.

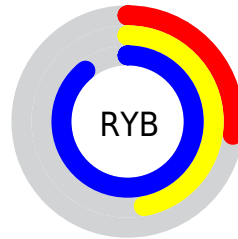
Distribution



Red (27%)

Green (56%)

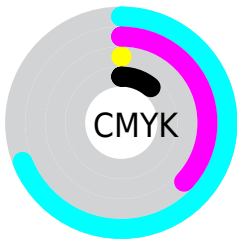
Blue (89%)



Red (27%)

Yellow (47%)

Blue (89%)

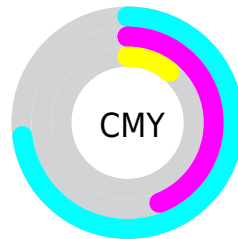


Cyan (69%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5026, 26.8500, 77.1845 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 26.5026, 26.8500, 77.1845 by changing the saturation by 10% instead.

■ 26.5026, 26.8500,
77.1845

■ 26.5026, 26.8500,
77.1845

277.4523,
286.9301, 504.8472

■ 17.3347, 17.4606,
56.8918

■ 53.5102, 54.6431,
131.1753

■ 10.5702, 10.5634,
40.5096

■ 72.0806, 73.8155,
165.7105

■ 5.8437, 5.7741,
27.6193

■ 94.5158, 97.0178,
205.8303

■ 2.7901, 2.7082,
17.8024

■ 121.1813,
124.6343, 251.9532

■ 1.0437, 0.9814,
10.6402

152.4423,
157.0494, 304.4979

■ 0.0000, 0.0000,
5.7143

188.6642,

■ 0.0000, 0.0000,

194.6474, 363.8827

2.6062

230.2125,
237.8129, 430.5263

■ 0.0000, 0.0000,
0.8957

■ 0.0000, 0.0000,
0.0000

■ 26.5026, 26.8500,
77.1845

■ 26.5026, 26.8500,
77.1845

■ 23.4206, 22.6806,
76.5427

■ 30.4079, 31.7371,
77.9226

■ 21.0775, 19.1753,
75.9896

■ 35.2024, 37.3839,
78.7598

■ 19.3480, 16.2601,
75.5181

■ 40.9485, 43.8310,
79.7014

■ 19.2384, 16.0709,
75.4874

■ 47.7014, 51.1152,
80.7514

■ 55.5120, 59.2704,
81.9139

■ 64.4273, 68.3284,
83.1924

■ 74.4915, 78.3193,
84.5904

■ 85.7464, 89.2716,
86.1112

■ 90.4008, 97.1757,
87.3915

Harmonies

Analogous

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



20.8302, 26.8500, 71.4117



26.5026, 26.8500, 77.1845



32.8129, 26.8500, 66.4900

Triad

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



26.5026, 26.8500, 77.1845



36.4362, 26.8500, 13.9544



16.3058, 26.8500, 17.1047

Complementary

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



26.5026, 26.8500, 77.1845



44.6581, 40.0506, 11.1728

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.



19.3968, 26.8500, 9.3936



26.5026, 26.8500, 77.1845



30.8659, 26.8500, 8.1496

Square

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



26.5026, 26.8500, 77.1845



39.1015, 26.8500, 26.5438



24.5622, 26.8500, 6.8967



15.5158, 26.8500, 32.1024

Rectangle

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



26.5026, 26.8500, 77.1845



36.3585, 26.8500, 53.2625



24.5622, 26.8500, 6.8967



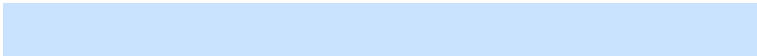
17.0830, 26.8500, 13.8018

Sweetspot

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



26.5037, 26.8509, 77.1852



69.5990, 74.3808, 105.2964



35.9080, 59.0448, 39.0550



14.2837, 15.2834, 22.4471



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.



26.5037, 26.8509, 77.1852



28.8043, 27.2278, 98.3451



18.9151, 11.3856, 74.6000



14.1365, 14.9945, 18.2935



11.2253, 9.5127, 43.6277



0.9218, 0.8875, 3.2547

Inverse Universe

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



39.2201, 22.8893, 28.7371



47.0346, 24.9805, 28.1200



60.0155, 71.9962, 16.5295



14.6565, 14.4798, 16.3915



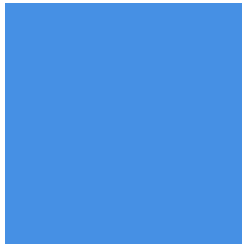
20.0595, 10.1580, 9.2083



1.5289, 0.7693, 0.9258

Previews

White Background



This preview shows how the XYZ color 26.5026, 26.8500, 77.1845 looks on a white background.

Color Contrast Check

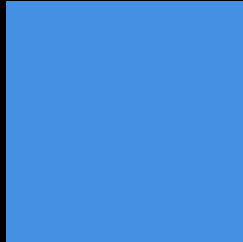
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5026, 26.8500, 77.1845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

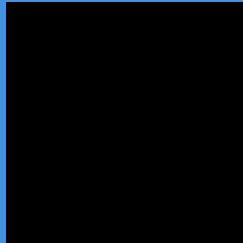
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

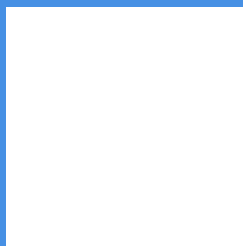
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5026, 26.8500, 77.1845

Background



This preview shows how black text looks on a background with the XYZ color 26.5026, 26.8500, 77.1845.

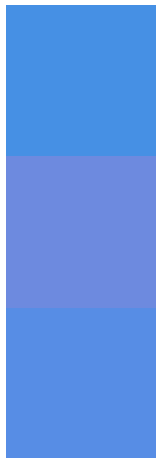


This preview shows how white text looks on a background with the XYZ color 26.5026, 26.8500,

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

26.5026, 26.8500, 77.1845

Protanopia

28.7144, 26.7559, 73.4630

Deuteranopia

27.5982, 26.7331, 77.8342



Tritanopia

19.2994, 26.7701, 41.6861

Trichromacy



Original Color

26.5026, 26.8500, 77.1845

Protanomaly

27.6880, 26.6253, 74.9140

Deuteranomaly

27.2092, 26.7525, 77.8584

Tritanomaly

21.2854, 26.5675, 52.7214

Monochromacy



Original Color

26.5026, 26.8500, 77.1845

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9938, 23.6127, 39.4749

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5026, 26.8500, 77.1845 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(70, 144, 228)` looks like.

```
.text, #text, p{  
  color:rgb(70, 144, 228)  
}
```

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(70, 144, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 144, 228) }
```

Border

The CSS property to change the border of an element to XYZ 26.5026, 26.8500, 77.1845 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(70, 144, 228) }
```


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

```
.border{ border-color:rgb(70, 144, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 144, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 144, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 144, 228);  
box-shadow:4px 4px 4px 4px rgb(70, 144,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5026, 26.8500, 77.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 144, 228) }
```

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

```
.background{ background-color: rgb(70, 144,  
228) }
```

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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