

Converting Colors

XYZ(26.3396, 26.3522, 71.0423)

Have a look what the booklet for
XYZ(26.3396, 26.3522, 71.0423)
contains.

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Color

**XYZ(26.3897, 26.4867,
70.7394)**

Conversions

Conversions Part 1

Format	Color
Hex	578EDB
RGB	87, 142, 219
RGB Percent	34%, 56%, 86%
CMY	0.6588, 0.4431, 0.1412
CMYK	0.60, 0.35, 0.00, 0.14
HSL	215°, 65%, 60%
HSV	215°, 60%, 86%
XYZ	26.3897, 26.4867, 70.7394
YIQ	134.3330, -57.4970, 12.2870

Conversions

Conversions Part 2

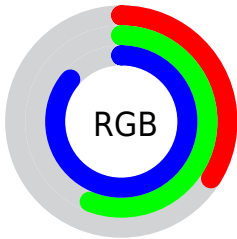
Format	Color
R _Y B	87, 126, 219
Decimal	5738203
CIE Lab	58.50, 5.08, -44.78
CIE LCh	58, 45.066, 276.478
Yxy	26.4867, 0.2135, 0.2143
Android (android.graphics.Color)	4283928283 (0xFF578EDB)
YUV	134.3330, 41.7408, -41.5110
Hunter-Lab	51.4652, 1.4649, -45.4690

Details

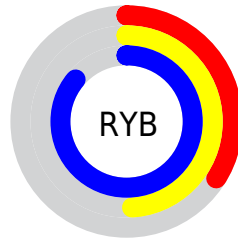
The XYZ color **26.3897, 26.4867, 70.7394** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **44.2109, 42.3017, 14.8533**, and the grayscale version is **22.6499, 23.8294, 25.9503**.

A 20% lighter version of the original color is **49.4192, 52.3612, 102.1098**, and **10.5280, 10.3346, 36.5619** is the 20% darker color. If you saturate the color by 10%, you get **22.8534, 22.0021, 70.0607**, and if you desaturate by 10%, it is **30.7659, 31.7285, 71.5211**.

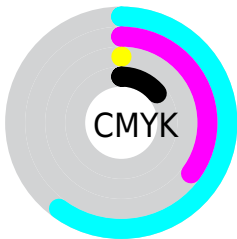
Distribution



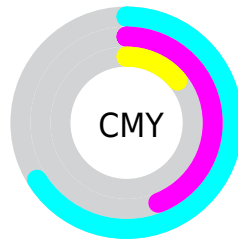
- Red (34%)
- Green (56%)
- Blue (86%)



- Red (34%)
- Yellow (49%)
- Blue (86%)



- Cyan (60%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)



- Cyan (66%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3897, 26.4867, 70.7394 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 26.3897, 26.4867, 70.7394 by changing the saturation by 10% instead.

■ 26.3897, 26.4867,
70.7394

■ 26.3897, 26.4867,
70.7394

276.9116,
285.1631, 482.0010

■ 17.2496, 17.1881,
51.6490

■ 53.3298, 54.0591,
121.9536

■ 10.5090, 10.3687,
36.3451

■ 71.8605, 73.1016,
154.9145

■ 5.8026, 5.6441,
24.4090

■ 94.2522, 96.1610,
193.3359

■ 2.7649, 2.6299,
15.4223

■ 120.8701,
123.6215, 237.6365

■ 1.0307, 0.9417,
8.9664

152.0796,
155.8676, 288.2348

■ 0.0000, 0.0000,
4.6228

188.2462,

■ 0.0000, 0.0000,

193.2836, 345.5493

1.9728

229.7350,
236.2540, 409.9985

■ 0.0000, 0.0000,
0.5385

■ 0.0000, 0.0000,
0.0000

■ 26.3897, 26.4867,
70.7394

■ 26.3897, 26.4867,
70.7394

■ 22.8534, 22.0021,
70.0607

■ 30.7659, 31.7285,
71.5211

■ 20.0887, 18.2275,
69.4779

■ 36.0368, 37.7649,
72.4084

■ 18.0198, 15.1126,
68.9857

■ 42.2557, 44.6336,
73.4064

■ 16.5484, 12.6387,
68.5857

■ 49.4705, 52.3690,
74.5192

■ 57.7259, 61.0031,
75.7507

■ 67.0635, 70.5661,
77.1044

■ 77.5227, 81.0869,
78.5838

■ 86.4390, 91.2000,
80.0659

■ 89.7863, 97.8945,
81.1817

Harmonies

Analogous

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



21.1770, 26.4867, 66.5881



26.3897, 26.4867, 70.7394



32.0168, 26.4867, 60.7826

Triad

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



26.3897, 26.4867, 70.7394



34.6958, 26.4867, 14.2951



16.6530, 26.4867, 18.3416

Complementary

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



26.3897, 26.4867, 70.7394



44.2109, 42.3017, 14.8533

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.



19.3844, 26.4867, 10.6692



26.3897, 26.4867, 70.7394



29.6465, 26.4867, 8.9998

Square

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



26.3897, 26.4867, 70.7394



37.2436, 26.4867, 25.5485



23.9978, 26.4867, 7.9704



16.0433, 26.4867, 32.4017

Rectangle

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



26.3897, 26.4867, 70.7394



35.0856, 26.4867, 49.0623



23.9978, 26.4867, 7.9704



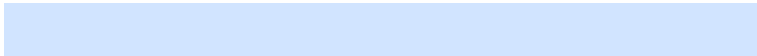
17.3318, 26.4867, 15.1136

Sweetspot

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



26.3907, 26.4876, 70.7401



72.1778, 76.4000, 105.5502



35.9641, 55.3705, 43.9157



14.7577, 15.6222, 22.4875



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.



26.3907, 26.4876, 70.7401



31.2515, 29.7219, 98.6975



21.2328, 14.5292, 68.7037



12.7822, 13.5041, 16.5850



9.9149, 7.6992, 40.7019



0.7261, 0.6664, 2.6648

Inverse Universe

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



37.5051, 23.8308, 28.2149



48.8558, 27.9523, 30.7941



53.0651, 64.7618, 18.7219



13.2799, 13.1411, 14.7353



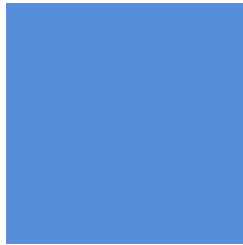
18.4999, 9.4010, 7.0126



1.2408, 0.6260, 0.6771

Previews

White Background



This preview shows how the XYZ color 26.3897, 26.4867, 70.7394 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 26.3897, 26.4867, 70.7394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

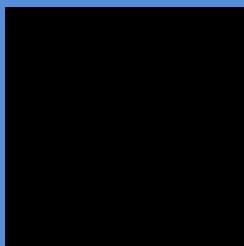
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

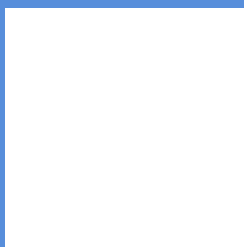
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.3897, 26.4867, 70.7394

Background



This preview shows how black text looks on a background with the XYZ color 26.3897, 26.4867, 70.7394.



This preview shows how white text looks on a background with the XYZ color 26.3897, 26.4867,

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

26.3897, 26.4867, 70.7394

Protanopia

27.8935, 26.2424, 67.8851

Deuteranopia

27.0940, 26.4120, 70.6879



Tritanopia

20.2327, 26.5558, 39.6567

Trichromacy



Original Color

26.3897, 26.4867, 70.7394

Protanomaly

27.2208, 26.3067, 68.6088

Deuteranomaly

26.8253, 26.4914, 70.7173

Tritanomaly

22.1769, 26.3754, 49.8211

Monochromacy



Original Color

26.3897, 26.4867, 70.7394

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0733, 24.3898, 39.0889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3897, 26.4867, 70.7394 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(87, 142, 219)` looks like.

```
.text, #text, p{  
  color:rgb(87, 142, 219)  
}
```

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(87, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 142, 219) }
```

Border

The CSS property to change the border of an element to XYZ 26.3897, 26.4867, 70.7394 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(87, 142, 219) }
```


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

```
.border{ border-color:rgb(87, 142, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 142, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 142, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 142, 219);  
box-shadow:4px 4px 4px 4px rgb(87, 142,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3897, 26.4867, 70.7394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 142, 219) }
```

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

```
.background{ background-color: rgb(87, 142,  
219) }
```

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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