

Converting Colors

XYZ(26.4459, 27.0371, 57.2509)

Have a look what the booklet for
XYZ(26.4459, 27.0371, 57.2509)
contains.

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Color

**XYZ(26.4459, 27.0371,
57.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8FC6
RGB	110, 143, 198
RGB Percent	43%, 56%, 78%
CMY	0.5686, 0.4392, 0.2235
CMYK	0.44, 0.28, 0.00, 0.22
HSL	218°, 44%, 60%
HSV	218°, 44%, 78%
XYZ	26.4459, 27.0371, 57.2509
YIQ	139.4030, -37.3230, 10.1090

Conversions

Conversions Part 2

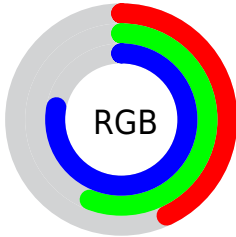
Format	Color
R _Y B	110, 134, 198
Decimal	7245766
CIE Lab	59.01, 3.11, -32.10
CIE LCh	59, 32.250, 275.528
Yxy	27.0371, 0.2388, 0.2442
Android (android.graphics.Color)	4285435846 (0xFF6E8FC6)
YUV	139.4030, 28.8883, -25.7864
Hunter-Lab	51.9972, -0.2096, -28.8825

Details

The XYZ color **26.4459, 27.0371, 57.2509** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **39.5592, 40.0429, 20.3971**, and the grayscale version is **24.5991, 25.8801, 28.1835**.

A 20% lighter version of the original color is **53.5333, 55.1518, 102.4316**, and **10.5239, 10.6545, 27.8874** is the 20% darker color. If you saturate the color by 10%, you get **22.4957, 22.3938, 56.5633**, and if you desaturate by 10%, it is **31.1533, 32.3761, 58.0338**.

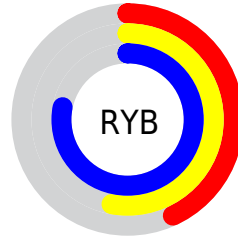
Distribution



Red (43%)

Green (56%)

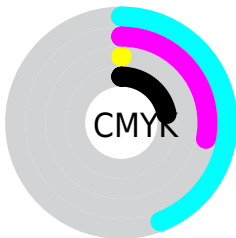
Blue (78%)



Red (43%)

Yellow (53%)

Blue (78%)

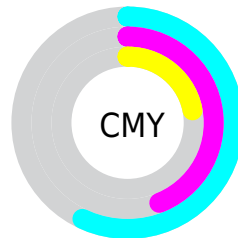


Cyan (44%)

Magenta (28%)

Yellow (0%)

Black (22%)



Cyan (57%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4459, 27.0371, 57.2509 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 26.4459, 27.0371, 57.2509 by changing the saturation by 10% instead.

■ 26.4459, 27.0371,
57.2509

■ 26.4459, 27.0371,
57.2509

277.1809,
287.8367, 431.9088

■ 17.2919, 17.6011,
40.7960

■ 53.4196, 54.9434,
102.3352

■ 10.5395, 10.6640,
27.8412

■ 71.9701, 74.1825,
131.8016

■ 5.8231, 5.8414,
17.9680

■ 94.3834, 97.4580,
166.4423

■ 2.7774, 2.7489,
10.7578

■ 121.0250,
125.1544, 206.6759

■ 1.0372, 1.0021,
5.7921

152.2602,
157.6561, 252.9207

■ 0.0000, 0.0000,
2.6523

188.4543,

■ 0.0000, 0.0000,

195.3475, 305.5955

0.9193

229.9728,
238.6129, 365.1187

■ 0.0000, 0.0000,
0.0000

■ 26.4459, 27.0371,
57.2509

■ 26.4459, 27.0371,
57.2509

■ 22.4957, 22.3938,
56.5633

■ 31.1533, 32.3761,
58.0338

■ 19.2563, 18.4107,
55.9653

■ 36.6551, 38.4378,
58.9139

■ 16.6798, 15.0535,
55.4531

■ 42.9893, 45.2512,
59.8951

■ 14.7108, 12.2826,
55.0220

■ 50.1904, 52.8428,
60.9809

■ 13.2830, 10.0521,
54.6667

■ 58.2911, 61.2376,
62.1743

■ 12.6586, 9.0081,
54.4981

■ 67.3221, 70.4595,
63.4784

■ 77.3128, 80.5315,
64.8959

■ 83.1864, 88.8437,
66.1907

■ 86.9953, 96.4616,
67.4604

Harmonies

Analogous

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



22.6422, 27.0371, 54.3774



26.4459, 27.0371, 57.2509



30.4306, 27.0371, 51.2456

Triad

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



26.4459, 27.0371, 57.2509



32.4780, 27.0371, 18.4059



19.3150, 27.0371, 21.2257

Complementary

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



26.4459, 27.0371, 57.2509



39.5592, 40.0429, 20.3971

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.



21.4833, 27.0371, 14.9069



26.4459, 27.0371, 57.2509



29.0169, 27.0371, 13.5992

Square

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



26.4459, 27.0371, 57.2509



34.1372, 27.0371, 27.3678



24.9642, 27.0371, 12.5087



18.7786, 27.0371, 31.6118

Rectangle

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



26.4459, 27.0371, 57.2509



32.5732, 27.0371, 43.7462



24.9642, 27.0371, 12.5087



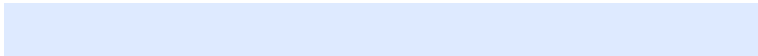
19.8654, 27.0371, 18.6502

Sweetspot

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



26.4468, 27.0381, 57.2515



77.6312, 81.7317, 106.2919



33.3503, 46.3938, 42.4465



16.0411, 16.8819, 22.6630



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.



26.4468, 27.0381, 57.2515



40.2493, 40.1511, 100.2363



23.5528, 19.2424, 55.8994



10.3771, 10.9283, 13.4799



8.3082, 6.0103, 35.4666



0.4628, 0.4234, 1.7025

Inverse Universe

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



33.8234, 25.1418, 29.0577



55.2444, 37.5793, 42.6356



43.6826, 52.1721, 22.5209



10.7956, 10.7016, 11.9071



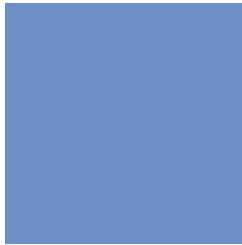
15.9929, 8.1467, 5.1726



0.7923, 0.3998, 0.4294

Previews

White Background



This preview shows how the XYZ color 26.4459, 27.0371, 57.2509 looks on a white background.

Color Contrast Check

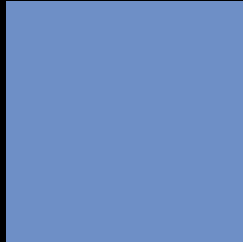
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4459, 27.0371, 57.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

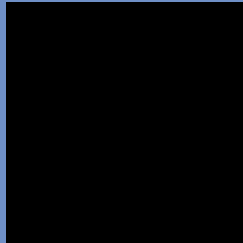
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

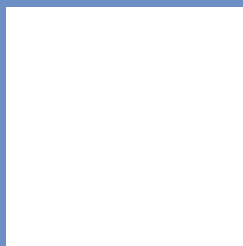
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4459, 27.0371, 57.2509

Background



This preview shows how black text looks on a background with the XYZ color 26.4459, 27.0371, 57.2509.

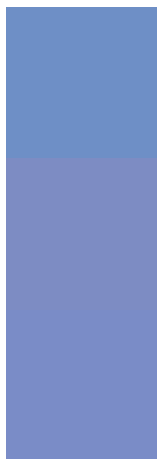


This preview shows how white text looks on a background with the XYZ color 26.4459, 27.0371,

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

26.4459, 27.0371, 57.2509

Protanopia

27.6859, 27.0563, 55.3929

Deuteranopia

27.7129, 27.0173, 57.7871



Tritanopia

22.6835, 27.1307, 38.2236

Trichromacy



Original Color

26.4459, 27.0371, 57.2509

Protanomaly

27.2344, 27.0283, 56.0061

Deuteranomaly

27.3049, 27.0248, 57.8100

Tritanomaly

23.8805, 26.9056, 44.4921

Monochromacy



Original Color

26.4459, 27.0371, 57.2509

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6253, 25.8834, 36.9558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4459, 27.0371, 57.2509 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, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(110, 143, 198)  
}
```

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, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 143, 198) }
```

Border

The CSS property to change the border of an element to XYZ 26.4459, 27.0371, 57.2509 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, 143, 198) }
```


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

```
.border{ border-color:rgb(110, 143, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 143, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 143, 198);  
box-shadow:4px 4px 4px 4px rgb(110, 143,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4459, 27.0371, 57.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 143, 198) }
```

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

```
.background{ background-color: rgb(110,  
143, 198) }
```

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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