

Converting Colors

XYZ(25.8757, 28.5901, 57.5807)

Have a look what the booklet for
XYZ(25.8757, 28.5901, 57.5807)
contains.

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Color

**XYZ(25.8757, 28.5901,
57.5807)**

Conversions

Conversions Part 1

Format	Color
Hex	5E97C6
RGB	94, 151, 198
RGB Percent	37%, 59%, 78%
CMY	0.6314, 0.4078, 0.2235
CMYK	0.53, 0.24, 0.00, 0.22
HSL	207°, 48%, 57%
HSV	207°, 53%, 78%
XYZ	25.8757, 28.5901, 57.5807
YIQ	139.3150, -49.0590, 2.5330

Conversions

Conversions Part 2

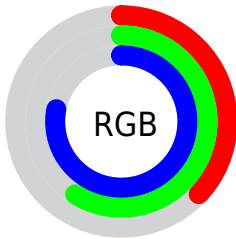
Format	Color
R _Y B	94, 131, 198
Decimal	6199238
CIE Lab	60.42, -5.33, -29.98
CIE LCh	60, 30.449, 259.915
Yxy	28.5901, 0.2309, 0.2552
Android (android.graphics.Color)	4284389318 (0xFF5E97C6)
YUV	139.3150, 28.9317, -39.7413
Hunter-Lab	53.4697, -7.1901, -26.4197

Details

The XYZ color **25.8757, 28.5901, 57.5807** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **34.8348, 31.8647, 14.9052**, and the grayscale version is **24.5683, 25.8478, 28.1482**.

A 20% lighter version of the original color is **52.4590, 57.3667, 102.9157**, and **10.2184, 11.4513, 28.0573** is the 20% darker color. If you saturate the color by 10%, you get **22.7140, 24.9034, 57.0363**, and if you desaturate by 10%, it is **29.6694, 32.7660, 58.1873**.

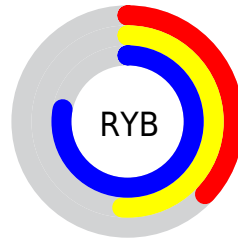
Distribution



Red (37%)

Green (59%)

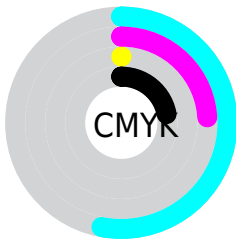
Blue (78%)



Red (37%)

Yellow (51%)

Blue (78%)

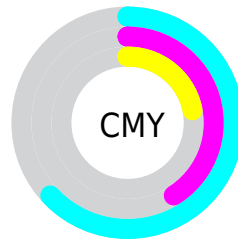


Cyan (53%)

Magenta (24%)

Yellow (0%)

Black (22%)



Cyan (63%)

Magenta (41%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8757, 28.5901, 57.5807 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 25.8757, 28.5901, 57.5807 by changing the saturation by 10% instead.

■ 25.8757, 28.5901,
57.5807

■ 25.8757, 28.5901,
57.5807

274.4393,
295.2760, 433.1763

■ 16.8629, 18.7710,
41.0592

■ 52.5071, 57.4252,
102.8207

■ 10.2315, 11.5049,
28.0453

■ 70.8563, 77.2099,
132.3764

■ 5.6161, 6.4075,
18.1205

■ 93.0485, 101.0853,
167.1137

■ 2.6515, 3.0944,
10.8662

■ 119.4488,
129.4358, 207.4514

■ 0.9723, 1.1812,
5.8639

150.4227,
162.6457, 253.8080

■ 0.0000, 0.0463,
2.6950

186.3355,

■ 0.0000, 0.0000,

201.0994, 306.6020

0.9409

227.5526,
245.1814, 366.2519

■ 0.0000, 0.0000,
0.0000

■ 25.8757, 28.5901,
57.5807

■ 25.8757, 28.5901,
57.5807

■ 22.7140, 24.9034,
57.0363

■ 29.6694, 32.7660,
58.1873

■ 20.1383, 21.6769,
56.5492

■ 34.1309, 37.4514,
58.8565

■ 18.1004, 18.8826,
56.1173

■ 39.2965, 42.6689,
59.5914

■ 16.5416, 16.4865,
55.7370

■ 45.1989, 48.4386,
60.3939

■ 15.6106, 14.9123,
55.4822

■ 51.8687, 54.7794,
61.2663

■ 59.3347, 61.7093,
62.2104

■ 67.6240, 69.2453,
63.2281

■ 76.7625, 77.4036,
64.3212

■ 80.1592, 82.7894,
65.1817

Harmonies

Analogous

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



22.6045, 28.5901, 50.7344



25.8757, 28.5901, 57.5807



29.8227, 28.5901, 56.1502

Triad

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



25.8757, 28.5901, 57.5807



34.8931, 28.5901, 24.3415



21.8064, 28.5901, 19.1978

Complementary

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



25.8757, 28.5901, 57.5807



34.8348, 31.8647, 14.9052

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.



24.6870, 28.5901, 14.9275



25.8757, 28.5901, 57.5807



32.3212, 28.5901, 17.3646

Square

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



25.8757, 28.5901, 57.5807



35.2894, 28.5901, 35.0639



28.5151, 28.5901, 14.3487



20.4092, 28.5901, 27.5015

Rectangle

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



25.8757, 28.5901, 57.5807



32.3021, 28.5901, 50.7912



28.5151, 28.5901, 14.3487



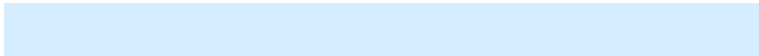
22.6196, 28.5901, 17.3369

Sweetspot

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



25.8767, 28.5911, 57.5814



75.9973, 81.8610, 106.4030



29.6039, 44.6857, 32.1874



15.7978, 17.0637, 22.7109



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.



25.8767, 28.5911, 57.5814



39.5117, 43.2375, 100.8709



19.2909, 15.4196, 55.3861



10.5304, 11.2348, 13.5310



10.2384, 9.8707, 36.1100



0.5564, 0.6107, 1.7337

Inverse Universe

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



32.8781, 22.2465, 31.8403



53.7586, 32.7217, 47.9546



44.3355, 50.8661, 18.0721



10.8730, 10.7326, 12.3144



16.9672, 8.5364, 10.3031



0.8396, 0.4187, 0.6783

Previews

White Background



This preview shows how the XYZ color 25.8757, 28.5901, 57.5807 looks on a white background.

Color Contrast Check

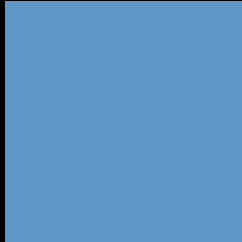
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8757, 28.5901, 57.5807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

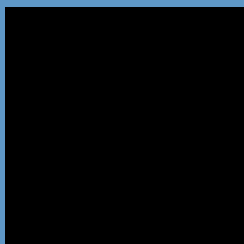
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

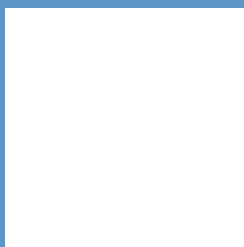
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8757, 28.5901, 57.5807

Background



This preview shows how black text looks on a background with the XYZ color 25.8757, 28.5901, 57.5807.

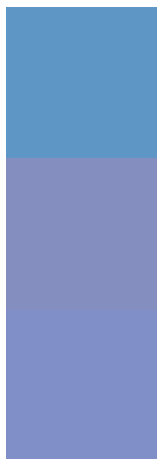


This preview shows how white text looks on a background with the XYZ color 25.8757, 28.5901,

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

25.8757, 28.5901, 57.5807

Protanopia

28.8526, 28.3562, 53.8218

Deuteranopia

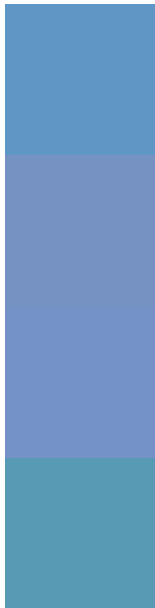
29.1499, 28.4042, 58.5898



Tritanopia

22.7061, 28.5263, 41.8455

Trichromacy



Original Color

25.8757, 28.5901, 57.5807

Protanomaly

27.4877, 28.3044, 55.0535

Deuteranomaly

27.7901, 28.3943, 58.0488

Tritanomaly

23.8183, 28.4812, 47.4221

Monochromacy



Original Color

25.8757, 28.5901, 57.5807

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3360, 26.3939, 37.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8757, 28.5901, 57.5807 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(94, 151, 198)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 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(94, 151, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.8757, 28.5901, 57.5807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

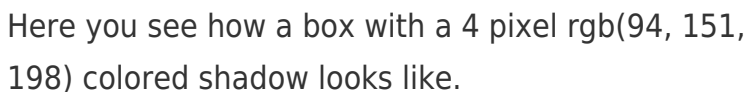
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 151, 198) }
```


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

```
.border{ border-color:rgb(94, 151, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 151, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 198);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8757, 28.5901, 57.5807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 198) }
```

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

```
.background{ background-color: rgb(94, 151,  
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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