

Converting Colors

XYZ(25.8173, 30.0302, 57.8618)

Have a look what the booklet for
XYZ(25.8173, 30.0302, 57.8618)
contains.

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Color

**XYZ(25.8173, 30.0302,
57.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	539DC6
RGB	83, 157, 198
RGB Percent	33%, 62%, 78%
CMY	0.6745, 0.3843, 0.2235
CMYK	0.58, 0.21, 0.00, 0.22
HSL	201°, 50%, 55%
HSV	201°, 58%, 78%
XYZ	25.8173, 30.0302, 57.8618
YIQ	139.5480, -57.2650, -2.9370

Conversions

Conversions Part 2

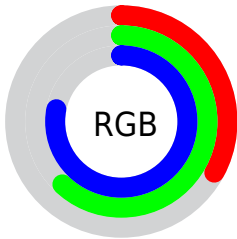
Format	Color
R _Y B	83, 128, 198
Decimal	5479878
CIE Lab	61.68, -11.02, -28.07
CIE LCh	62, 30.150, 248.570
Yxy	30.0302, 0.2270, 0.2641
Android (android.graphics.Color)	4283669958 (0xFF539DC6)
YUV	139.5480, 28.8168, -49.5926
Hunter-Lab	54.7998, -11.8047, -24.2430

Details

The XYZ color **25.8173, 30.0302, 57.8618** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **32.0587, 27.0468, 11.7156**, and the grayscale version is **24.6610, 25.9453, 28.2544**.

A 20% lighter version of the original color is **52.5780, 59.9697, 103.4119**, and **10.2256, 12.3410, 28.2287** is the 20% darker color. If you saturate the color by 10%, you get **23.1535, 26.9354, 57.4054**, and if you desaturate by 10%, it is **29.0509, 33.5223, 58.3660**.

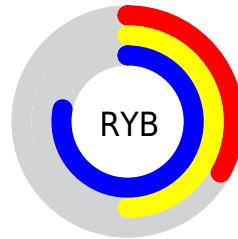
Distribution



Red (33%)

Green (62%)

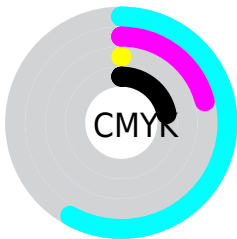
Blue (78%)



Red (33%)

Yellow (50%)

Blue (78%)

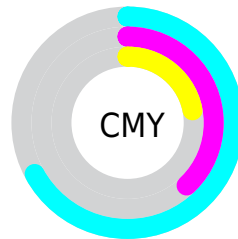


Cyan (58%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (67%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8173, 30.0302, 57.8618 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 25.8173, 30.0302, 57.8618 by changing the saturation by 10% instead.

■ 25.8173, 30.0302,
57.8618

■ 25.8173, 30.0302,
57.8618

274.1572,
302.0452, 434.2546

■ 16.8190, 19.8615,
41.2836

■ 52.4135, 59.7099,
103.2344

■ 10.2000, 12.2944,
28.2194

■ 70.7420, 79.9898,
132.8658

■ 5.5951, 6.9445,
18.2506

■ 92.9113, 104.4088,
167.6854

■ 2.6388, 3.4274,
10.9588

■ 119.2868,
133.3514, 208.1117

■ 0.9657, 1.3587,
5.9253

150.2338,
167.2019, 254.5632

■ 0.0000, 0.1860,
2.7316

186.1176,

■ 0.0000, 0.0000,

206.3448, 307.4585

0.9593

227.3036,
251.1644, 367.2162

■ 0.0000, 0.0000,
0.0000

■ 25.8173, 30.0302,
57.8618

■ 25.8173, 30.0302,
57.8618

■ 23.1535, 26.9354,
57.4054

■ 29.0509, 33.5223,
58.3660

■ 21.0116, 24.2098,
56.9922

■ 32.8910, 37.4307,
58.9180

■ 19.3400, 21.8257,
56.6201

■ 37.3745, 41.7765,
59.5205

■ 18.0602, 19.7407,
56.2851

■ 42.5344, 46.5783,
60.1754

■ 17.8355, 19.3619,
56.2239

■ 48.4012, 51.8535,
60.8844

■ 55.0036, 57.6184,
61.6491

■ 62.3687, 63.8883,
62.4712

■ 70.5218, 70.6779,
63.3520

■ 77.1670, 76.8050,
64.1844

Harmonies

Analogous

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



22.9288, 30.0302, 48.4881



25.8173, 30.0302, 57.8618



29.7073, 30.0302, 59.7550

Triad

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



25.8173, 30.0302, 57.8618



36.8663, 30.0302, 29.5163



24.0004, 30.0302, 18.2932

Complementary

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



25.8173, 30.0302, 57.8618



32.0587, 27.0468, 11.7156

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.



27.4092, 30.0302, 15.3620



25.8173, 30.0302, 57.8618



35.0056, 30.0302, 20.7721

Square

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



25.8173, 30.0302, 57.8618



36.3387, 30.0302, 41.4478



31.4537, 30.0302, 16.1487



21.9502, 30.0302, 25.2750

Rectangle

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



25.8173, 30.0302, 57.8618



32.3913, 30.0302, 56.1781



31.4537, 30.0302, 16.1487



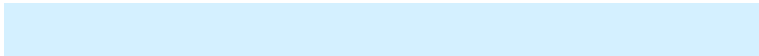
25.0119, 30.0302, 16.8858

Sweetspot

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



25.8183, 30.0313, 57.8625



76.1268, 83.2175, 106.6580



27.3531, 43.6643, 25.8087



15.8696, 17.4235, 22.7766



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.



25.8183, 30.0313, 57.8625



39.7799, 46.1962, 101.4279



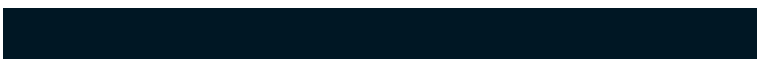
18.3426, 15.0798, 55.3706



10.6163, 11.4067, 13.5597



11.6819, 12.7578, 36.5912



0.6197, 0.7372, 1.7548

Inverse Universe

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



32.4687, 20.6277, 34.1696



53.3027, 30.2755, 52.5330



41.3239, 45.5774, 14.8040



10.9164, 10.7499, 12.5429



17.6958, 8.8279, 14.1400



0.8715, 0.4314, 0.8465

Previews

White Background



This preview shows how the XYZ color 25.8173, 30.0302, 57.8618 looks on a white background.

Color Contrast Check

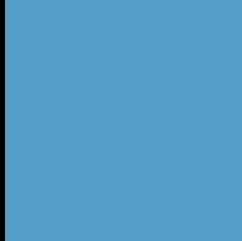
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8173, 30.0302, 57.8618 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 ✓ Pass

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

XYZ 25.8173, 30.0302, 57.8618

Background



This preview shows how black text looks on a background with the XYZ color 25.8173, 30.0302, 57.8618.

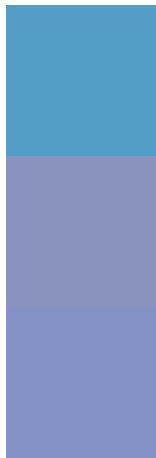


This preview shows how white text looks on a background with the XYZ color 25.8173, 30.0302,

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

25.8173, 30.0302, 57.8618

Protanopia

30.0445, 29.9035, 52.9036

Deuteranopia

30.3771, 29.7144, 58.7780



Tritanopia

23.1325, 29.9622, 44.6085

Trichromacy



Original Color

25.8173, 30.0302, 57.8618

Protanomaly

28.0284, 29.7654, 54.7201

Deuteranomaly

28.2854, 29.5811, 58.2517

Tritanomaly

24.1786, 30.1383, 49.3427

Monochromacy



Original Color

25.8173, 30.0302, 57.8618

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3197, 27.0529, 37.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8173, 30.0302, 57.8618 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(83, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(83, 157, 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(83, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 157, 198) }
```

Border

The CSS property to change the border of an element to XYZ 25.8173, 30.0302, 57.8618 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(83, 157, 198) }
```


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

```
.border{ border-color:rgb(83, 157, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(83, 157,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8173, 30.0302, 57.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 157, 198) }
```

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

```
.background{ background-color: rgb(83, 157,  
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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