

Converting Colors

XYZ(27.6168, 30.9579, 57.9460)

Have a look what the booklet for
XYZ(27.6168, 30.9579, 57.9460)
contains.

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Color

**XYZ(27.6168, 30.9579,
57.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	659DC6
RGB	101, 157, 198
RGB Percent	40%, 62%, 78%
CMY	0.6039, 0.3843, 0.2235
CMYK	0.49, 0.21, 0.00, 0.22
HSL	205°, 46%, 59%
HSV	205°, 49%, 78%
XYZ	27.6168, 30.9579, 57.9460
YIQ	144.9300, -46.5370, 0.8790

Conversions

Conversions Part 2

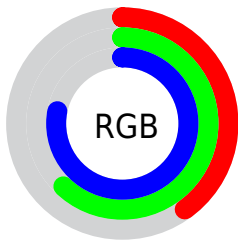
Format	Color
RYB	101, 137, 198
Decimal	6659526
CIELab	62.47, -7.07, -26.78
CIElCh	62, 27.697, 255.203
Yxy	30.9579, 0.2370, 0.2657
Android (android.graphics.Color)	4284849606 (0xFF659DC6)
YUV	144.9300, 26.1635, -38.5266
Hunter-Lab	55.6398, -8.7713, -22.7996

Details

The XYZ color **27.6168, 30.9579, 57.9460** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.3114, 32.2921, 16.6847**, and the grayscale version is **26.7968, 28.1923, 30.7014**.

A 20% lighter version of the original color is **55.2489, 60.9766, 103.4655**, and **11.1843, 12.8353, 28.2735** is the 20% darker color. If you saturate the color by 10%, you get **24.2936, 27.2148, 57.3992**, and if you desaturate by 10%, it is **31.5731, 35.1726, 58.5516**.

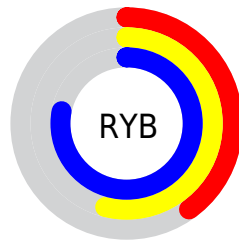
Distribution



Red (40%)

Green (62%)

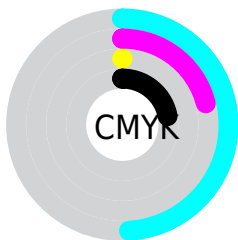
Blue (78%)



Red (40%)

Yellow (54%)

Blue (78%)

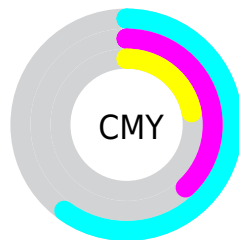


Cyan (49%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6168, 30.9579, 57.9460 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 27.6168, 30.9579, 57.9460 by changing the saturation by 10% instead.

■ 27.6168, 30.9579,
57.9460

■ 27.6168, 30.9579,
57.9460

282.7447,
306.3443, 434.5773

■ 18.1760, 20.5668,
41.3508

■ 55.2850, 61.1738,
103.3582

■ 11.1769, 12.8077,
28.2715

■ 74.2431, 81.7673,
133.0123

■ 6.2541, 7.2963,
18.2896

■ 97.1043, 106.5305,
167.8565

■ 3.0423, 3.6481,
10.9865

■ 124.2340,
135.8477, 208.3093

■ 1.1762, 1.4787,
5.9437

155.9975,
170.1033, 254.7893

■ 0.0874, 0.2737,
2.7427

192.7602,

■ 0.0000, 0.0000,

209.6816, 307.7149

0.9648

234.8875,
254.9672, 367.5047

■ 0.0000, 0.0000,
0.0000

■ 27.6168, 30.9579,
57.9460

■ 27.6168, 30.9579,
57.9460

■ 24.2936, 27.2148,
57.3992

■ 31.5731, 35.1726,
58.5516

■ 21.5594, 23.9159,
56.9066

■ 36.1964, 39.8773,
59.2160

■ 19.3690, 21.0355,
56.4661

■ 41.5217, 45.0934,
59.9421

■ 17.6682, 18.5426,
56.0745

■ 47.5804, 50.8397,
60.7319

■ 16.3670, 16.3877,
55.7272

■ 54.4021, 57.1340,
61.5873

■ 16.2456, 16.1822,
55.6939

■ 62.0145, 63.9931,
62.5100

■ 70.4440, 71.4330,
63.5018

■ 78.0766, 78.6242,
64.4876

■ 80.3809, 83.2328,
65.2557

Harmonies

Analogous

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



24.6196, 30.9579, 50.6354



27.6168, 30.9579, 57.9460



31.3612, 30.9579, 57.8915

Triad

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



27.6168, 30.9579, 57.9460



36.9657, 30.9579, 28.5653



24.5875, 30.9579, 21.1244

Complementary

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



27.6168, 30.9579, 57.9460



35.3114, 32.2921, 16.6847

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.



27.5694, 30.9579, 17.4174



27.6168, 30.9579, 57.9460



34.8172, 30.9579, 21.0485

Square

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



27.6168, 30.9579, 57.9460



36.9812, 30.9579, 39.2762



31.3095, 30.9579, 17.3929



22.9745, 30.9579, 28.6924

Rectangle

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



27.6168, 30.9579, 57.9460



33.7914, 30.9579, 53.6109



31.3095, 30.9579, 17.3929



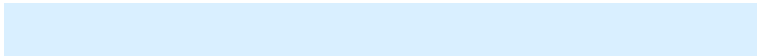
25.4511, 30.9579, 19.4641

Sweetspot

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



27.6178, 30.9591, 57.9467



77.4086, 83.5685, 106.6582



30.4005, 45.0911, 32.4643



16.0913, 17.4312, 22.7664



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.



27.6178, 30.9591, 57.9467



42.5430, 47.6362, 101.5602



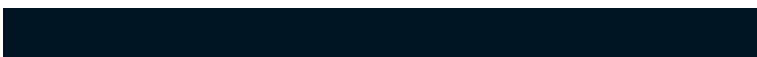
21.0383, 17.8000, 55.7536



10.5566, 11.2873, 13.5398



10.6511, 10.6961, 36.2475



0.5749, 0.6477, 1.7399

Inverse Universe

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



34.0290, 23.7484, 34.6899



55.6949, 35.0513, 53.3565



44.0338, 49.7369, 19.5922



10.8862, 10.7379, 12.3842



17.1755, 8.6198, 11.4000



0.8489, 0.4224, 0.7275

Previews

White Background



This preview shows how the XYZ color 27.6168, 30.9579, 57.9460 looks on a white background.

Color Contrast Check

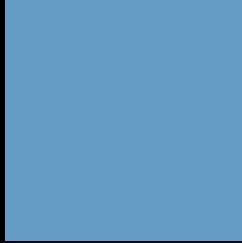
Large Text (above 18pt) WCAG AA × Fail

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 27.6168, 30.9579, 57.9460 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

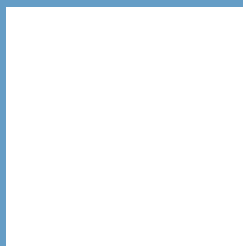
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6168, 30.9579, 57.9460

Background



This preview shows how black text looks on a background with the XYZ color 27.6168, 30.9579, 57.9460.



This preview shows how white text looks on a background with the XYZ color 27.6168, 30.9579,

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

27.6168, 30.9579, 57.9460

Protanopia

30.9093, 30.7896, 54.1831

Deuteranopia

31.4965, 30.7532, 58.9195



Tritanopia

24.8991, 30.8729, 44.6911

Trichromacy



Original Color

27.6168, 30.9579, 57.9460

Protanomaly

29.4233, 30.7115, 55.4161

Deuteranomaly

29.8329, 30.6167, 58.3701

Tritanomaly

25.9419, 31.0473, 49.4252

Monochromacy



Original Color

27.6168, 30.9579, 57.9460

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.5015, 28.8424, 39.2923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6168, 30.9579, 57.9460 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(101, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(101, 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(101, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 157, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.6168, 30.9579, 57.9460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

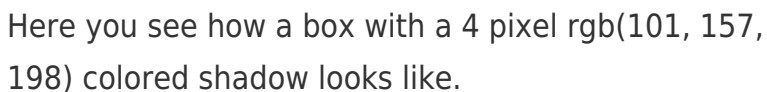
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 157, 198) }
```


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

```
.border{ border-color:rgb(101, 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(101, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(101, 157,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6168, 30.9579, 57.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 157, 198) }
```

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

```
.background{ background-color: rgb(101,  
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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