

Converting Colors

XYZ(27.2130, 30.7870, 58.0312)

Have a look what the booklet for
XYZ(27.2130, 30.7870, 58.0312)
contains.

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Color

**XYZ(27.1798, 30.7325,
57.9255)**

Conversions

Conversions Part 1

Format	Color
Hex	619DC6
RGB	97, 157, 198
RGB Percent	38%, 62%, 78%
CMY	0.6196, 0.3843, 0.2235
CMYK	0.51, 0.21, 0.00, 0.22
HSL	204°, 47%, 58%
HSV	204°, 51%, 78%
XYZ	27.1798, 30.7325, 57.9255
YIQ	143.7340, -48.9210, 0.0310

Conversions

Conversions Part 2

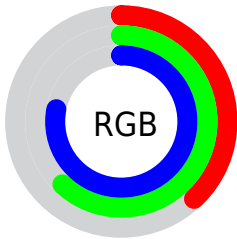
Format	Color
R _Y B	97, 135, 198
Decimal	6397382
CIE Lab	62.28, -8.01, -27.09
CIE LCh	62, 28.248, 253.533
Yxy	30.7325, 0.2346, 0.2653
Android (android.graphics.Color)	4284587462 (0xFF619DC6)
YUV	143.7340, 26.7531, -40.9857
Hunter-Lab	55.4369, -9.4990, -23.1457

Details

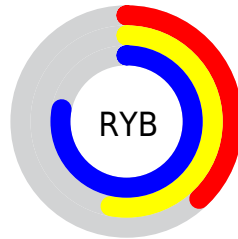
The XYZ color **27.1798, 30.7325, 57.9255** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **34.5359, 31.0471, 15.4830**, and the grayscale version is **26.3133, 27.6836, 30.1474**.

A 20% lighter version of the original color is **54.4811, 60.5808, 103.4296**, and **10.9510, 12.7150, 28.2626** is the 20% darker color. If you saturate the color by 10%, you get **24.0121, 27.1472, 57.4010**, and if you desaturate by 10%, it is **30.9655, 34.7704, 58.5059**.

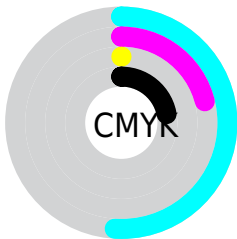
Distribution



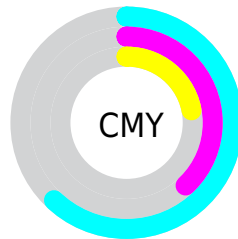
- Red (38%)
- Green (62%)
- Blue (78%)



- Red (38%)
- Yellow (53%)
- Blue (78%)



- Cyan (51%)
- Magenta (21%)
- Yellow (0%)
- Black (22%)



- Cyan (62%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1798, 30.7325, 57.9255 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 27.1798, 30.7325, 57.9255 by changing the saturation by 10% instead.

■ 27.1798, 30.7325,
57.9255

■ 27.1798, 30.7325,
57.9255

280.6783,
305.3041, 434.4988

■ 17.8456, 20.3952,
41.3345

■ 54.5901, 60.8187,
103.3281

■ 10.9382, 12.6827,
28.2588

■ 73.3969, 81.3364,
132.9767

■ 6.0923, 7.2104,
18.2801

■ 96.0920, 106.0163,
167.8149

■ 2.9425, 3.5940,
10.9798

■ 123.0406,
135.2430, 208.2612

■ 1.1234, 1.4492,
5.9392

154.6082,
169.4007, 254.7342

■ 0.0446, 0.2525,
2.7400

191.1601,

■ 0.0000, 0.0000,

208.8738, 307.6525

0.9635

233.0617,
254.0468, 367.4345

■ 0.0000, 0.0000,
0.0000

■ 27.1798, 30.7325,
57.9255

■ 27.1798, 30.7325,
57.9255

■ 24.0121, 27.1472,
57.4010

■ 30.9655, 34.7704,
58.5059

■ 21.4178, 23.9872,
56.9278

■ 35.4036, 39.2793,
59.1423

■ 19.3503, 21.2265,
56.5039

■ 40.5294, 44.2804,
59.8375

■ 17.7538, 18.8336,
56.1262

■ 46.3748, 49.7925,
60.5933

■ 16.6273, 16.9456,
55.8211

■ 52.9692, 55.8331,
61.4117

■ 60.3408, 62.4188,
62.2944

■ 68.5158, 69.5654,
63.2429

■ 77.3700, 77.2110,
64.2520

■ 79.5472, 81.5653,
64.9777

Harmonies

Analogous

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



24.2081, 30.7325, 50.1202



27.1798, 30.7325, 57.9255



30.9609, 30.7325, 58.3277

Triad

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



27.1798, 30.7325, 57.9255



36.9391, 30.7325, 28.7827



24.4431, 30.7325, 20.4249

Complementary

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



27.1798, 30.7325, 57.9255



34.5359, 31.0471, 15.4830

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.



27.5270, 30.7325, 16.9102



27.1798, 30.7325, 57.9255



34.8582, 30.7325, 20.9770

Square

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



27.1798, 30.7325, 57.9255



36.8255, 30.7325, 39.7782



31.3395, 30.7325, 17.0874



22.7247, 30.7325, 27.8533

Rectangle

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



27.1798, 30.7325, 57.9255



33.4533, 30.7325, 54.2089



31.3395, 30.7325, 17.0874



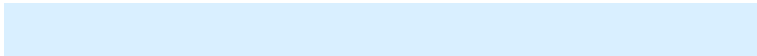
25.3422, 30.7325, 18.8268

Sweetspot

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



27.1808, 30.7336, 57.9262



77.5961, 83.9435, 106.7207



29.6690, 44.7480, 30.8925



16.1365, 17.5216, 22.7815



0.0000, 0.0000, 0.0000



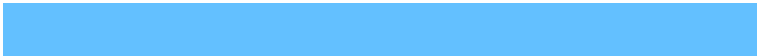
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1808, 30.7336, 57.9262



42.0628, 47.5338, 101.5657



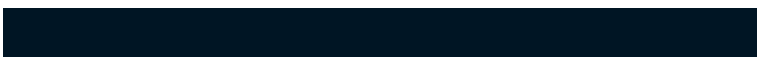
20.3921, 17.1562, 55.6633



10.5717, 11.3174, 13.5448



10.8989, 11.1916, 36.3301



0.5859, 0.6695, 1.7435

Inverse Universe

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



33.6501, 22.9907, 34.5634



55.2430, 34.0685, 53.4494



43.4090, 48.7934, 18.4407



10.8938, 10.7409, 12.4242



17.3006, 8.6698, 12.0586



0.8544, 0.4246, 0.7565

Previews

White Background



This preview shows how the XYZ color 27.1798, 30.7325, 57.9255 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 27.1798, 30.7325, 57.9255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

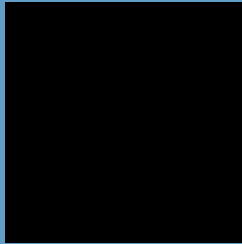
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.1798, 30.7325, 57.9255

Background



This preview shows how black text looks on a background with the XYZ color 27.1798, 30.7325, 57.9255.

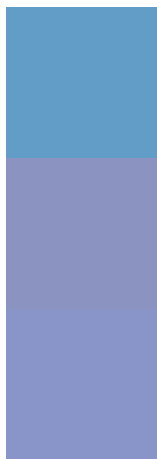


This preview shows how white text looks on a background with the XYZ color 27.1798, 30.7325,

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

27.1798, 30.7325, 57.9255

Protanopia

30.7518, 30.4745, 54.1306

Deuteranopia

31.3318, 30.6683, 58.9118



Tritanopia

24.5047, 30.6696, 44.6727

Trichromacy



Original Color

27.1798, 30.7325, 57.9255

Protanomaly

29.1164, 30.3133, 55.3554

Deuteranomaly

29.4015, 30.3943, 58.3499

Tritanomaly

25.5317, 30.8358, 49.4060

Monochromacy



Original Color

27.1798, 30.7325, 57.9255

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.2007, 28.6873, 39.2782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1798, 30.7325, 57.9255 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(97, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(97, 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(97, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 157, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.1798, 30.7325, 57.9255 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(97, 157, 198) }
```


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

```
.border{ border-color:rgb(97, 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(97, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(97, 157,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1798, 30.7325, 57.9255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 157, 198) }
```

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

```
.background{ background-color: rgb(97, 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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