

Converting Colors

XYZ(27.4823, 26.8240, 57.1565)

Have a look what the booklet for
XYZ(27.4823, 26.8240, 57.1565)
contains.

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Color

**XYZ(27.5972, 26.9710,
57.1775)**

Conversions

Conversions Part 1

Format	Color
Hex	7A8CC6
RGB	122, 140, 198
RGB Percent	48%, 55%, 78%
CMY	0.5216, 0.4510, 0.2235
CMYK	0.38, 0.29, 0.00, 0.22
HSL	226°, 40%, 63%
HSV	226°, 38%, 78%
XYZ	27.5972, 26.9710, 57.1775
YIQ	141.2300, -29.3460, 14.2220

Conversions

Conversions Part 2

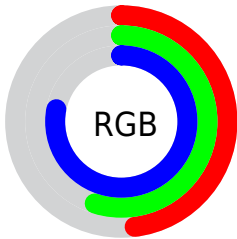
Format	Color
RYB	122, 137, 198
Decimal	8031430
CIELab	58.95, 8.04, -32.14
CIELCh	59, 33.127, 284.046
Yxy	26.9710, 0.2470, 0.2414
Android (android.graphics.Color)	4286221510 (0xFF7A8CC6)
YUV	141.2300, 27.9876, -16.8647
Hunter-Lab	51.9336, 3.9700, -28.9232

Details

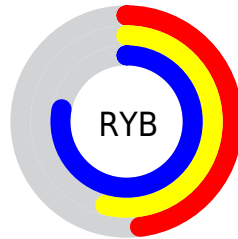
The XYZ color **27.5972, 26.9710, 57.1775** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.1236, 46.0543, 25.0300**, and the grayscale version is **25.3103, 26.6284, 28.9983**.

A 20% lighter version of the original color is **55.2514, 54.7070, 102.2552**, and **11.1444, 10.5912, 27.8425** is the 20% darker color. If you saturate the color by 10%, you get **23.0157, 21.5538, 56.3738**, and if you desaturate by 10%, it is **33.0550, 33.2911, 58.1102**.

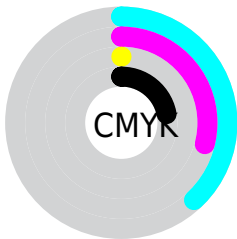
Distribution



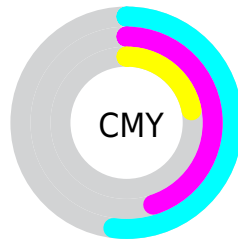
- Red (48%)
- Green (55%)
- Blue (78%)



- Red (48%)
- Yellow (54%)
- Blue (78%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5972, 26.9710, 57.1775 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 27.5972, 26.9710, 57.1775 by changing the saturation by 10% instead.

■ 27.5972, 26.9710,
57.1775

■ 27.5972, 26.9710,
57.1775

282.6523,
287.5167, 431.6264

■ 18.1611, 17.5514,
40.7375

■ 55.2539, 54.8373,
102.2270

■ 11.1661, 10.6284,
27.7958

■ 74.2052, 74.0529,
131.6736

■ 6.2468, 5.8176,
17.9341

■ 97.0590, 97.3026,
166.2928

■ 3.0378, 2.7345,
10.7337

124.1806,
124.9708, 206.5031

■ 1.1738, 0.9947,
5.7762

155.9353,
157.4419, 252.7231

■ 0.0855, 0.0000,
2.6429

192.6886,

■ 0.0000, 0.0000,

195.1003, 305.3713

0.9145

234.8058,
238.3305, 364.8662

■ 0.0000, 0.0000,
0.0000

■ 27.5972, 26.9710,
57.1775

■ 27.5972, 26.9710,
57.1775

■ 23.0157, 21.5538,
56.3738

■ 33.0550, 33.2911,
58.1102

■ 19.2604, 16.9940,
55.6916

■ 39.4298, 40.5507,
59.1755

■ 16.2804, 13.2462,
55.1253

■ 46.7630, 48.7880,
60.3789

■ 14.0177, 10.2597,
54.6681

■ 55.0929, 58.0381,
61.7254

■ 12.4054, 7.9771,
54.3125

■ 64.4553, 68.3345,
63.2193

■ 11.3458, 6.3230,
54.0491

■ 74.8845, 79.7089,
64.8651

■ 11.2054, 6.1019,
54.0138

■ 84.3212, 91.1133,
66.5690

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



23.5281, 26.9710, 56.8747



27.5972, 26.9710, 57.1775



31.5181, 26.9710, 48.7757

Triad

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



27.5972, 26.9710, 57.1775



31.7316, 26.9710, 16.2969



18.7757, 26.9710, 23.5862

Complementary

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



27.5972, 26.9710, 57.1775



43.1236, 46.0543, 25.0300

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.



20.5339, 26.9710, 15.9406



27.5972, 26.9710, 57.1775



27.8644, 26.9710, 12.5641

Square

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



27.5972, 26.9710, 57.1775



34.0718, 26.9710, 24.2192



23.7683, 26.9710, 12.4540



18.7206, 26.9710, 35.1967

Rectangle

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



27.5972, 26.9710, 57.1775



33.3998, 26.9710, 40.4016



23.7683, 26.9710, 12.4540



19.1780, 26.9710, 20.5500

Sweetspot

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



27.5981, 26.9720, 57.1781



77.6720, 80.6461, 106.0802



36.3576, 47.7811, 49.9551



16.2539, 16.8450, 22.6447



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.



27.5981, 26.9720, 57.1781



42.0238, 39.6819, 100.0522



28.1381, 23.6601, 56.5104



10.2572, 10.6885, 13.4400



7.3429, 4.0798, 35.1448



0.4056, 0.3091, 1.6834

Inverse Universe

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



34.9827, 27.8193, 28.3378



57.1209, 42.0852, 40.9401



42.2981, 51.3777, 26.1010



10.7351, 10.6774, 11.5884



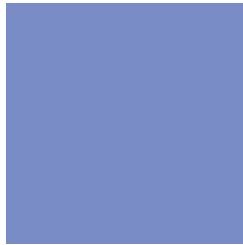
15.5057, 7.9518, 2.6070



0.7634, 0.3882, 0.2775

Previews

White Background



This preview shows how the XYZ color 27.5972, 26.9710, 57.1775 looks on a white background.

Color Contrast Check

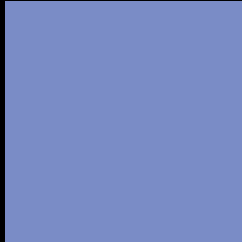
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5972, 26.9710, 57.1775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

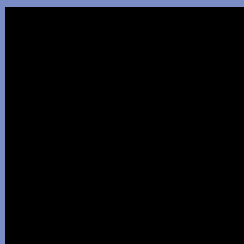
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

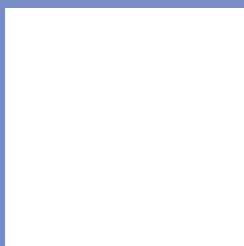
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5972, 26.9710, 57.1775

Background



This preview shows how black text looks on a background with the XYZ color 27.5972, 26.9710, 57.1775.



This preview shows how white text looks on a background with the XYZ color 27.5972, 26.9710,

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

27.5972, 26.9710, 57.1775

Protanopia

27.8833, 27.1185, 57.1909

Deuteranopia

27.5972, 26.9710, 57.1775



Tritanopia

23.5018, 26.8814, 36.7508

Trichromacy



Original Color

27.5972, 26.9710, 57.1775

Protanomaly

27.7395, 27.0443, 57.1841

Deuteranomaly

27.5972, 26.9710, 57.1775

Tritanomaly

24.7185, 26.6767, 43.3815

Monochromacy



Original Color

27.5972, 26.9710, 57.1775

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.8780, 26.7267, 37.9773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5972, 26.9710, 57.1775 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(122, 140, 198)` looks like.

```
.text, #text, p{  
    color:rgb(122, 140, 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(122, 140, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 140, 198) }
```

Border

The CSS property to change the border of an element to XYZ 27.5972, 26.9710, 57.1775 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(122, 140, 198) }
```


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

```
.border{ border-color:rgb(122, 140, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 140, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 140, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 140, 198);  
box-shadow:4px 4px 4px 4px rgb(122, 140,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5972, 26.9710, 57.1775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 140, 198) }
```

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

```
.background{ background-color: rgb(122,  
140, 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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