

Converting Colors

XYZ(27.8701, 28.5801, 59.5842)

Have a look what the booklet for
XYZ(27.8701, 28.5801, 59.5842)
contains.

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Color

**XYZ(27.9158, 28.6619,
59.3193)**

Conversions

Conversions Part 1	
Format	Color
Hex	7293C9
RGB	114, 147, 201
RGB Percent	45%, 58%, 79%
CMY	0.5529, 0.4235, 0.2118
CMYK	0.43, 0.27, 0.00, 0.21
HSL	217°, 45%, 62%
HSV	217°, 43%, 79%
XYZ	27.9158, 28.6619, 59.3193
YIQ	143.2890, -37.0020, 9.7980

Conversions

Conversions Part 2

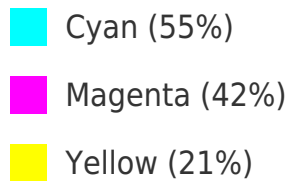
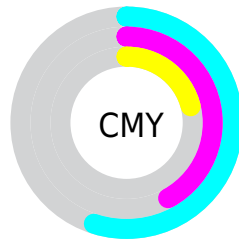
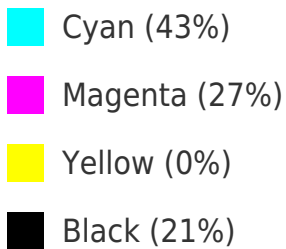
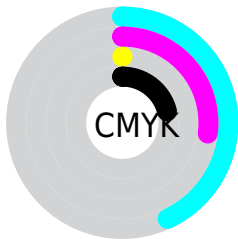
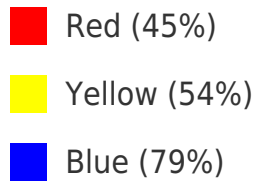
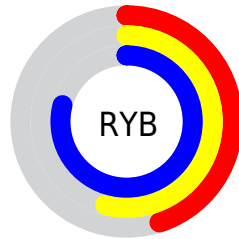
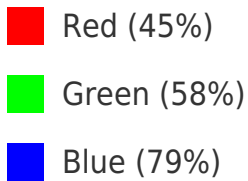
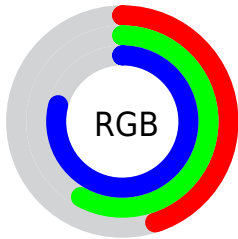
Format	Color
RYB	114, 138, 201
Decimal	7508937
CIELab	60.48, 2.69, -31.48
CIELCh	60, 31.596, 274.893
Yxy	28.6619, 0.2409, 0.2473
Android (android.graphics.Color)	4285699017 (0xFF7293C9)
YUV	143.2890, 28.4515, -25.6865
Hunter-Lab	53.5368, -0.6138, -28.2181

Details

The XYZ color **27.9158, 28.6619, 59.3193** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.1282, 41.6388, 21.7903**, and the grayscale version is **26.1252, 27.4857, 29.9319**.

A 20% lighter version of the original color is **55.2988, 57.4283, 102.7780**, and **11.4046, 11.6166, 29.2449** is the 20% darker color. If you saturate the color by 10%, you get **23.7470, 23.7878, 58.5988**, and if you desaturate by 10%, it is **32.8714, 34.2551, 60.1382**.


Distribution



Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9158, 28.6619, 59.3193 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 27.9158, 28.6619, 59.3193 by changing the saturation by 10% instead.


 27.9158, 28.6619,
59.3193

 27.9158, 28.6619,
59.3193


284.1517,
295.6164, 439.8189


 18.4023, 18.8252,
42.4485


 55.7596, 57.5395,
105.3753

 11.3407, 11.5440,
29.1245


 74.8206, 77.3491,
135.3975

 6.3654, 6.4340,
18.9286


 97.7948, 101.2519,
170.6407

 3.1113, 3.1107,
11.4424

125.0476,
129.6322, 211.5233

 1.2129, 1.1898,
6.2473

156.9444,
162.8744, 258.4639

 0.1165, 0.0534,
2.9248


193.8504,

 0.0000, 0.0000,


201.3629, 311.8810


1.0564


236.1311,
245.4821, 372.1932


 0.0000, 0.0000,
0.0000


 27.9158, 28.6619,
59.3193


 27.9158, 28.6619,
59.3193

 23.7470, 23.7878,
58.5988


 32.8714, 34.2551,
60.1382


 20.3174, 19.5966,
57.9705


 38.6519, 40.5949,
61.0573


 17.5783, 16.0534,
57.4310

 45.2962, 47.7109,
62.0806

 15.4732, 13.1180,
56.9754

 52.8399, 55.6301,
63.2116

 13.9351, 10.7442,
56.5982

 61.3162, 64.3782,
64.4534

■ 13.1438, 9.4192,
56.3842

■ 70.7570, 73.9795,
65.8090

■ 81.1924, 84.4575,
67.2815

■ 84.9856, 91.8829,
68.5148

■ 87.5427, 96.9971,
69.3672

Harmonies

Analogous

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



24.0520, 28.6619, 56.2470



27.9158, 28.6619, 59.3193



31.9731, 28.6619, 53.4608

Triad

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



27.9158, 28.6619, 59.3193



34.1853, 28.6619, 20.0541



20.7473, 28.6619, 22.6243

Complementary

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



27.9158, 28.6619, 59.3193



41.1282, 41.6388, 21.7903

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.



23.0028, 28.6619, 16.1873



27.9158, 28.6619, 59.3193



30.7029, 28.6619, 14.9834

Square

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



27.9158, 28.6619, 59.3193



35.8155, 28.6619, 29.3335



26.5797, 28.6619, 13.7683



20.1595, 28.6619, 33.1605

Rectangle

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



27.9158, 28.6619, 59.3193



34.1657, 28.6619, 45.9686



26.5797, 28.6619, 13.7683



21.3237, 28.6619, 20.0028

Sweetspot

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



27.9168, 28.6630, 59.3200



77.6719, 81.8133, 106.3055



34.8623, 48.1656, 44.3355



16.0511, 16.9019, 22.6664



0.0000, 0.0000, 0.0000



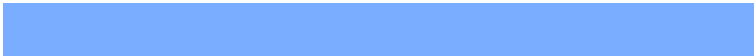
20.3446, 21.4041, 23.3091

Same Dimension

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



27.9168, 28.6630, 59.3200



41.0181, 41.1574, 100.3900



24.8949, 20.5492, 57.9131



10.3809, 10.9359, 13.4812



8.3461, 6.0862, 35.4792



0.4648, 0.4274, 1.7031

Inverse Universe

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



35.3721, 26.5599, 30.8670



55.7622, 38.2829, 43.8314



45.3728, 54.0458, 23.9613



10.7975, 10.7024, 11.9171



16.0121, 8.1544, 5.2734



0.7933, 0.4002, 0.4348

Previews

White Background



This preview shows how the XYZ color 27.9158, 28.6619, 59.3193 looks on a white background.

Color Contrast Check

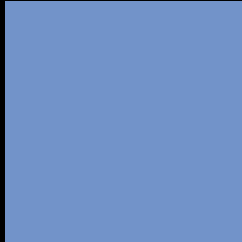
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9158, 28.6619, 59.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

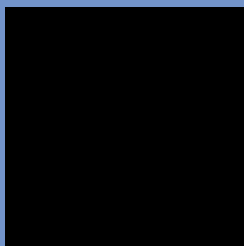
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9158, 28.6619, 59.3193

Background



This preview shows how black text looks on a background with the XYZ color 27.9158, 28.6619, 59.3193.

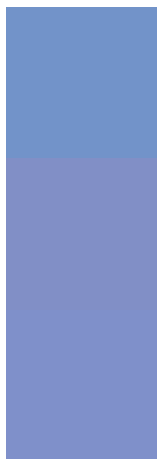


This preview shows how white text looks on a background with the XYZ color 27.9158, 28.6619,

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

27.9158, 28.6619, 59.3193

Protanopia

29.0688, 28.3893, 57.3737

Deuteranopia

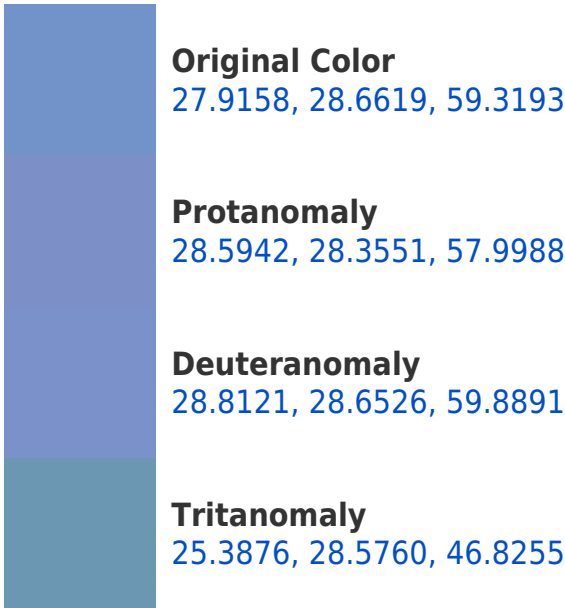
29.3863, 28.7228, 59.8723



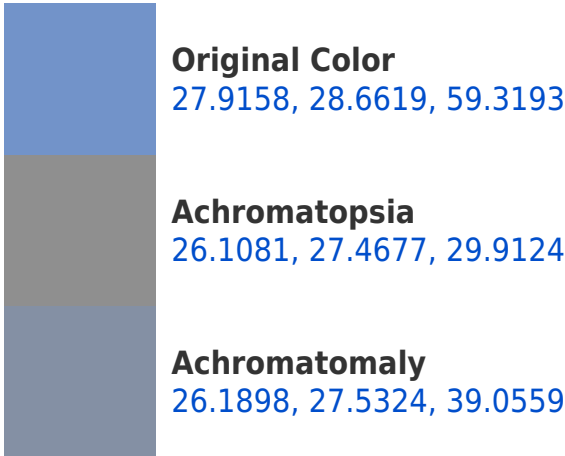
Tritanopia

24.1475, 28.8074, 40.3641

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9158, 28.6619, 59.3193 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(114, 147, 201)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 201)  
}
```

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(114, 147, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 201) }
```

Border

The CSS property to change the border of an element to XYZ 27.9158, 28.6619, 59.3193 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(114, 147, 201) }
```


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

```
.border{ border-color:rgb(114, 147, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 147, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 201);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9158, 28.6619, 59.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 201) }
```

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

```
.background{ background-color: rgb(114,  
147, 201) }
```

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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