

Converting Colors

XYZ(28.9508, 27.2624, 61.9773)

Have a look what the booklet for
XYZ(28.9508, 27.2624, 61.9773)
contains.

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Color

**XYZ(28.9774, 27.3571,
62.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8BCE
RGB	126, 139, 206
RGB Percent	49%, 55%, 81%
CMY	0.5059, 0.4549, 0.1922
CMYK	0.39, 0.33, 0.00, 0.19
HSL	230°, 45%, 65%
HSV	230°, 39%, 81%
XYZ	28.9774, 27.3571, 62.1457
YIQ	142.7510, -29.2550, 18.0810

Conversions

Conversions Part 2

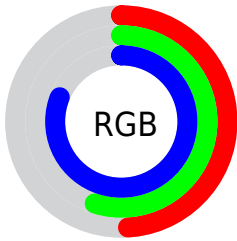
Format	Color
R _Y B	126, 137, 206
Decimal	8293326
CIE Lab	59.30, 11.94, -36.07
CIE LCh	59, 37.990, 288.311
Yxy	27.3571, 0.2446, 0.2309
Android (android.graphics.Color)	4286483406 (0xFF7E8BCE)
YUV	142.7510, 31.1818, -14.6906
Hunter-Lab	52.3040, 7.3603, -33.8334

Details

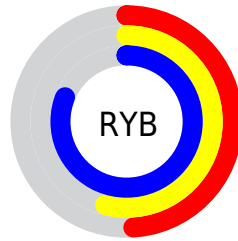
The XYZ color **28.9774, 27.3571, 62.1457** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.2903, 52.7692, 27.3802**, and the grayscale version is **25.8981, 27.2469, 29.6718**.

A 20% lighter version of the original color is **55.9557, 54.7430, 102.2250**, and **11.9059, 10.7956, 30.7344** is the 20% darker color. If you saturate the color by 10%, you get **23.9427, 21.3417, 61.2505**, and if you desaturate by 10%, it is **35.0337, 34.4854, 63.2029**.

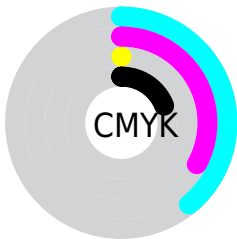
Distribution



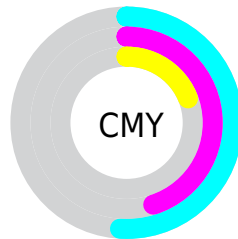
- Red (49%)
- Green (55%)
- Blue (81%)



- Red (49%)
- Yellow (54%)
- Blue (81%)



- Cyan (39%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (51%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9774, 27.3571, 62.1457 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 28.9774, 27.3571, 62.1457 by changing the saturation by 10% instead.

■ 28.9774, 27.3571,
62.1457

■ 28.9774, 27.3571,
62.1457

289.1044,
289.3820, 450.4847

■ 19.2079, 17.8416,
44.7139

■ 57.4390, 55.4564,
109.5097

■ 11.9255, 10.8363,
30.8908

■ 76.8618, 74.8089,
140.2790

■ 6.7648, 5.9569,
20.2580

■ 100.2331, 98.2093,
176.3312

■ 3.3605, 2.8189,
12.3968

127.9183,
126.0418, 218.0848

■ 1.3471, 1.0379,
6.8887

160.2826,
158.6910, 265.9585

■ 0.2181, 0.0000,
3.3152

197.6915,

■ 0.0000, 0.0000,

196.5412, 320.3706

1.2577

240.5103,
239.9767, 381.7398

■ 0.0000, 0.0000,
0.0268

■ 0.0000, 0.0000,
0.0000

■ 28.9774, 27.3571,
62.1457

■ 28.9774, 27.3571,
62.1457

■ 23.9427, 21.3417,
61.2505

■ 35.0337, 34.4854,
63.2029

■ 19.8697, 16.3794,
60.5073

■ 42.1613, 42.7763,
64.4275

■ 16.6963, 12.4091,
59.9082

■ 50.4101, 52.2801,
65.8272

■ 14.3520, 9.3623,
59.4437

■ 59.8260, 63.0431,
67.4084

■ 12.7553, 7.1609,
59.1029

■ 70.4523, 75.1094,
69.1774

■ 11.7862, 5.7026,
58.8726

■ 82.3301, 88.5208,
71.1400

■ 11.6978, 5.5704,
58.8517

■ 88.1407, 97.2363,
72.5160

Harmonies

Analogous

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



24.1959, 27.3571, 63.4310



28.9774, 27.3571, 62.1457



33.4335, 27.3571, 50.7817

Triad

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



28.9774, 27.3571, 62.1457



32.5594, 27.3571, 14.2166



18.0469, 27.3571, 24.7977

Complementary

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



28.9774, 27.3571, 62.1457



48.2903, 52.7692, 27.3802

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.



19.7626, 27.3571, 15.5615



28.9774, 27.3571, 62.1457



27.8960, 27.3571, 10.8177

Square

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



28.9774, 27.3571, 62.1457



35.6687, 27.3571, 22.3041



23.2378, 27.3571, 11.2206



18.2617, 27.3571, 38.7808

Rectangle

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



28.9774, 27.3571, 62.1457



35.4420, 27.3571, 40.5332



23.2378, 27.3571, 11.2206



18.4075, 27.3571, 21.1312

Sweetspot

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



28.9784, 27.3581, 62.1464



77.0370, 79.3761, 105.8686



40.2648, 52.4143, 58.2529



16.1055, 16.5482, 22.5952



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.



28.9784, 27.3581, 62.1464



39.7248, 35.7013, 99.4051



31.6765, 26.1191, 61.7650



10.7466, 11.1336, 14.1530



7.2504, 3.5248, 36.2545



0.4214, 0.2765, 1.8861

Inverse Universe

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



37.5755, 29.9087, 28.2196



55.8098, 40.9838, 35.8145



44.5056, 55.2731, 28.0630



11.2854, 11.2429, 12.0378



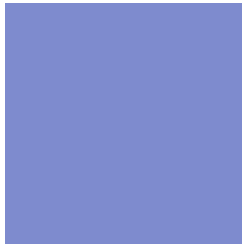
15.8706, 8.1588, 1.7712



0.8426, 0.4305, 0.2172

Previews

White Background



This preview shows how the XYZ color 28.9774, 27.3571, 62.1457 looks on a white background.

Color Contrast Check

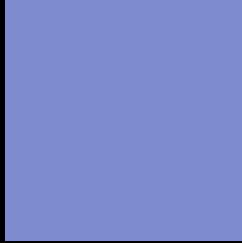
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.9774, 27.3571, 62.1457 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 28.9774, 27.3571, 62.1457

Background



This preview shows how black text looks on a background with the XYZ color 28.9774, 27.3571, 62.1457.



This preview shows how white text looks on a background with the XYZ color 28.9774, 27.3571,

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

28.9774, 27.3571, 62.1457

Protanopia

28.5257, 27.3261, 62.8025

Deuteranopia

28.1367, 27.3575, 62.1901



Tritanopia

24.0053, 27.3627, 37.2740

Trichromacy



Original Color

28.9774, 27.3571, 62.1457

Protanomaly

28.8089, 27.4721, 62.8157

Deuteranomaly

28.4038, 27.2773, 62.1605

Tritanomaly

25.6690, 27.3471, 45.5206

Monochromacy



Original Color

28.9774, 27.3571, 62.1457

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8725, 27.4175, 39.9522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9774, 27.3571, 62.1457 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(126, 139, 206)` looks like.

```
.text, #text, p{  
    color:rgb(126, 139, 206)  
}
```

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(126, 139, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 139, 206) }
```

Border

The CSS property to change the border of an element to XYZ 28.9774, 27.3571, 62.1457 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(126, 139, 206) }
```


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

```
.border{ border-color:rgb(126, 139, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 139, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 139, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 139, 206);  
box-shadow:4px 4px 4px 4px rgb(126, 139,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9774, 27.3571, 62.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 139, 206) }
```

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

```
.background{ background-color: rgb(126,  
139, 206) }
```

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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