

Converting Colors

XYZ(28.5246, 27.4476, 60.3769)

Have a look what the booklet for
XYZ(28.5246, 27.4476, 60.3769)
contains.

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Color

**XYZ(28.4698, 27.3530,
60.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8CCB
RGB	124, 140, 203
RGB Percent	49%, 55%, 80%
CMY	0.5137, 0.4510, 0.2039
CMYK	0.39, 0.31, 0.00, 0.20
HSL	228°, 43%, 64%
HSV	228°, 39%, 80%
XYZ	28.4698, 27.3530, 60.2791
YIQ	142.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

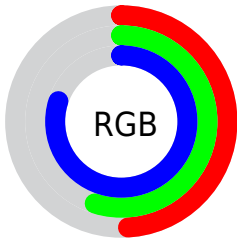
Format	Color
RYB	124, 137, 203
Decimal	8162507
CIELab	59.30, 9.98, -34.40
CIElCh	59, 35.813, 286.174
Yxy	27.3530, 0.2452, 0.2356
Android (android.graphics.Color)	4286352587 (0xFF7C8CCB)
YUV	142.3980, 29.8768, -16.1350
Hunter-Lab	52.3001, 5.6421, -31.7253

Details

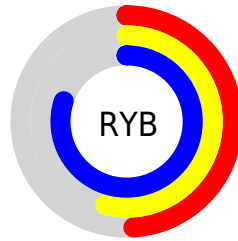
The XYZ color **28.4698, 27.3530, 60.2791** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.0381, 49.6938, 26.2355**, and the grayscale version is **25.7633, 27.1050, 29.5173**.

A 20% lighter version of the original color is **55.7104, 54.9436, 102.2767**, and **11.6795, 10.8218, 29.9070** is the 20% darker color. If you saturate the color by 10%, you get **23.6385, 21.6057, 59.4249**, and if you desaturate by 10%, it is **34.2550, 34.1097, 61.2789**.

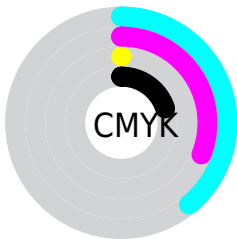
Distribution



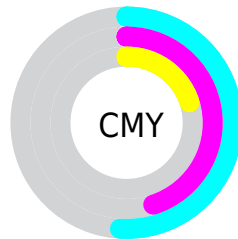
- Red (49%)
- Green (55%)
- Blue (80%)



- Red (49%)
- Yellow (54%)
- Blue (80%)



- Cyan (39%)
- Magenta (31%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (45%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4698, 27.3530, 60.2791 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 28.4698, 27.3530, 60.2791 by changing the saturation by 10% instead.

■ 28.4698, 27.3530,
60.2791

■ 28.4698, 27.3530,
60.2791

286.7446,
289.3622, 443.4589

■ 18.8224, 17.8385,
43.2169

■ 56.6370, 55.4498,
106.7818

■ 11.6452, 10.8341,
29.7226

■ 75.8876, 74.8009,
137.0593

■ 6.5731, 5.9554,
19.3779

■ 99.0698, 98.1997,
172.5790

■ 3.2405, 2.8180,
11.7641

126.5492,
126.0305, 213.7594

■ 1.2822, 1.0375,
6.4627

158.6910,
158.6778, 261.0190

■ 0.1698, 0.0000,
3.0551

195.8606,

■ 0.0000, 0.0000,

196.5259, 314.7765

1.1228

238.4233,
239.9592, 375.4503

■ 0.0000, 0.0000,
0.0000

■ 28.4698, 27.3530,
60.2791

■ 28.4698, 27.3530,
60.2791

■ 23.6385, 21.6057,
59.4249

■ 34.2550, 34.1097,
61.2789

■ 19.7056, 16.8153,
58.7075

■ 41.0394, 41.9188,
62.4286

■ 16.6145, 12.9288,
58.1203

■ 48.8692, 50.8243,
63.7349

■ 14.3005, 9.8868,
57.6551

■ 57.7864, 60.8671,
65.2033

■ 12.6886, 7.6220,
57.3029

■ 67.8310, 72.0856,
66.8393

■ 11.6663, 6.0442,
57.0522

■ 79.0407, 84.5166,
68.6479

■ 11.5764, 5.9054,
57.0302

■ 87.2476, 96.0279,
70.4373

■ 87.7796, 97.0918,
70.6146

Harmonies

Analogous

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



23.9953, 27.3530, 60.6982



28.4698, 27.3530, 60.2791



32.7142, 27.3530, 50.3178

Triad

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



28.4698, 27.3530, 60.2791



32.4245, 27.3530, 15.3055



18.5050, 27.3530, 24.2724

Complementary

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



28.4698, 27.3530, 60.2791



46.0381, 49.6938, 26.2355

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.



20.2707, 27.3530, 15.7681



28.4698, 27.3530, 60.2791



28.1096, 27.3530, 11.6884

Square

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



28.4698, 27.3530, 60.2791



35.1704, 27.3530, 23.4315



23.6740, 27.3530, 11.8290



18.5779, 27.3530, 37.1891

Rectangle

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



28.4698, 27.3530, 60.2791



34.6920, 27.3530, 40.8899



23.6740, 27.3530, 11.8290



18.8936, 27.3530, 20.8946

Sweetspot

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



28.4708, 27.3540, 60.2798



77.3778, 80.0578, 105.9822



38.5196, 50.5380, 54.1149



16.1851, 16.7074, 22.6218



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.



28.4708, 27.3540, 60.2798



40.5366, 37.3249, 99.6757



29.9106, 24.8746, 59.7253



10.7827, 11.2059, 14.1650



7.4197, 3.8635, 36.3109



0.4380, 0.3097, 1.8916

Inverse Universe

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



36.5708, 29.0065, 28.4831



56.2196, 41.1477, 37.9722



43.9612, 53.9453, 27.1656



11.3037, 11.2502, 12.1338



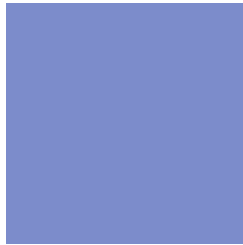
15.9560, 8.1930, 2.2213



0.8510, 0.4338, 0.2613

Previews

White Background



This preview shows how the XYZ color 28.4698, 27.3530, 60.2791 looks on a white background.

Color Contrast Check

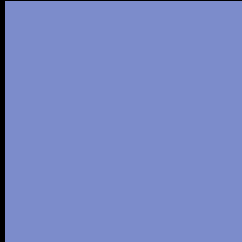
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4698, 27.3530, 60.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

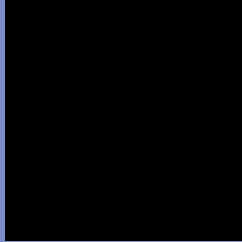
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4698, 27.3530, 60.2791

Background



This preview shows how black text looks on a background with the XYZ color 28.4698, 27.3530, 60.2791.



This preview shows how white text looks on a background with the XYZ color 28.4698, 27.3530,

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

28.4698, 27.3530, 60.2791

Protanopia

28.3260, 27.2789, 60.2723

Deuteranopia

28.0501, 27.3546, 60.3015



Tritanopia

23.7451, 27.2286, 37.2618

Trichromacy



Original Color

28.4698, 27.3530, 60.2791

Protanomaly

28.3260, 27.2789, 60.2723

Deuteranomaly

28.1895, 27.4265, 60.3080

Tritanomaly

25.2980, 27.1673, 44.9848

Monochromacy



Original Color

28.4698, 27.3530, 60.2791

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2174, 26.8810, 38.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4698, 27.3530, 60.2791 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(124, 140, 203)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 203)  
}
```

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(124, 140, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 203) }
```

Border

The CSS property to change the border of an element to XYZ 28.4698, 27.3530, 60.2791 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(124, 140, 203) }
```


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

```
.border{ border-color:rgb(124, 140, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 140, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 203);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4698, 27.3530, 60.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 203) }
```

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

```
.background{ background-color: rgb(124,  
140, 203) }
```

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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