

Converting Colors

XYZ(27.5200, 28.5956, 62.0798)

Have a look what the booklet for
XYZ(27.5200, 28.5956, 62.0798)
contains.

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Color

**XYZ(27.5532, 28.6518,
61.8357)**

Conversions

Conversions Part 1

Format	Color
Hex	6A94CD
RGB	106, 148, 205
RGB Percent	42%, 58%, 80%
CMY	0.5843, 0.4196, 0.1961
CMYK	0.48, 0.28, 0.00, 0.20
HSL	215°, 50%, 61%
HSV	215°, 48%, 80%
XYZ	27.5532, 28.6518, 61.8357
YIQ	141.9400, -43.3290, 8.8230

Conversions

Conversions Part 2

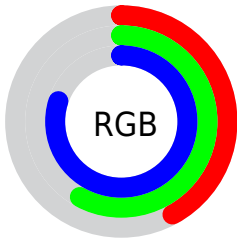
Format	Color
RYB	106, 135, 205
Decimal	6984909
CIELab	60.47, 1.29, -33.77
CIElCh	60, 33.798, 272.184
Yxy	28.6518, 0.2334, 0.2427
Android (android.graphics.Color)	4285174989 (0xFF6A94CD)
YUV	141.9400, 31.0886, -31.5194
Hunter-Lab	53.5274, -1.7901, -31.0236

Details

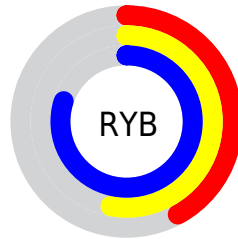
The XYZ color **27.5532, 28.6518, 61.8357** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.8764, 40.2152, 19.2447**, and the grayscale version is **25.5816, 26.9139, 29.3092**.

A 20% lighter version of the original color is **54.0708, 57.1424, 102.7875**, and **11.1393, 11.5903, 30.5042** is the 20% darker color. If you saturate the color by 10%, you get **23.6441, 24.0273, 61.1497**, and if you desaturate by 10%, it is **32.2354, 33.9562, 62.6133**.

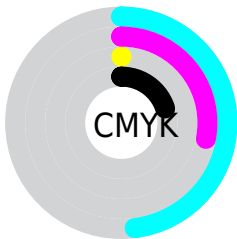
Distribution



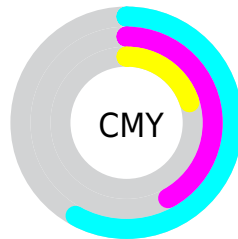
- Red (42%)
- Green (58%)
- Blue (80%)



- Red (42%)
- Yellow (53%)
- Blue (80%)



- Cyan (48%)
- Magenta (28%)
- Yellow (0%)
- Black (20%)



- Cyan (58%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5532, 28.6518, 61.8357 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 27.5532, 28.6518, 61.8357 by changing the saturation by 10% instead.

■ 27.5532, 28.6518,
61.8357

■ 27.5532, 28.6518,
61.8357

282.4447,
295.5685, 449.3226

■ 18.1279, 18.8176,
44.4650

■ 55.1840, 57.5234,
109.0573

■ 11.1421, 11.5385,
30.6964

■ 74.1201, 77.3296,
139.7454

■ 6.2305, 6.4303,
20.1112

■ 96.9572, 101.2285,
175.7096

■ 3.0277, 3.1084,
12.2910

■ 124.0606,
129.6046, 217.3686

■ 1.1684, 1.1886,
6.8173

155.7957,
162.8422, 265.1408

■ 0.0812, 0.0524,
3.2714

192.5279,

■ 0.0000, 0.0000,

201.3259, 319.4449

1.2348

234.6224,
245.4398, 380.6993

■ 0.0000, 0.0000,
0.0075

■ 0.0000, 0.0000,
0.0000

■ 27.5532, 28.6518,
61.8357

■ 27.5532, 28.6518,
61.8357

■ 23.6441, 24.0273,
61.1497

■ 32.2354, 33.9562,
62.6133

■ 20.4572, 20.0466,
60.5493

■ 37.7311, 39.9676,
63.4840

■ 17.9399, 16.6742,
60.0310

■ 44.0813, 46.7155,
64.4518

■ 16.0296, 13.8687,
59.5902

■ 51.3230, 54.2264,
65.5198

■ 14.6347, 11.5730,
59.2206

■ 59.4913, 62.5254,
66.6912

■ 14.4253, 11.2193,
59.1633

■ 68.6191, 71.6364,
67.9687

■ 78.7376, 81.5823,
69.3551

■ 84.1391, 89.4269,
70.5846

■ 87.7746, 96.6979,
71.7965

Harmonies

Analogous

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



23.5078, 28.6518, 57.5901



27.5532, 28.6518, 61.8357



31.9427, 28.6518, 56.2251

Triad

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



27.5532, 28.6518, 61.8357



34.9555, 28.6518, 20.0836



20.4753, 28.6518, 21.2877

Complementary

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



27.5532, 28.6518, 61.8357



40.8764, 40.2152, 19.2447

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.



23.0100, 28.6518, 14.9789



27.5532, 28.6518, 61.8357



31.3316, 28.6518, 14.4252

Square

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



27.5532, 28.6518, 61.8357



36.4905, 28.6518, 30.2915



26.9146, 28.6518, 12.8400



19.6902, 28.6518, 32.1203

Rectangle

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



27.5532, 28.6518, 61.8357



34.4009, 28.6518, 48.3393



26.9146, 28.6518, 12.8400



21.1366, 28.6518, 18.6782

Sweetspot

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



27.5542, 28.6528, 61.8364



76.9035, 81.4262, 106.2713



34.3066, 49.3397, 41.9455



15.9196, 16.8650, 22.6662



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.



27.5542, 28.6528, 61.8364



38.4711, 39.0434, 100.1162



22.9332, 18.2013, 60.0626



10.9864, 11.6133, 14.2329



9.0701, 7.1642, 36.8611



0.5426, 0.5189, 1.9265

Inverse Universe

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



35.6770, 25.4264, 31.0454



53.7492, 34.6927, 41.8169



47.8278, 56.7640, 22.0726



11.4065, 11.2913, 12.6753



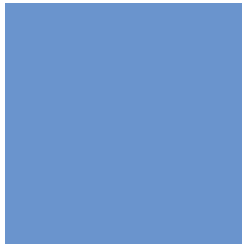
16.7891, 8.5262, 6.6079



0.9038, 0.4549, 0.5393

Previews

White Background



This preview shows how the XYZ color 27.5532, 28.6518, 61.8357 looks on a white background.

Color Contrast Check

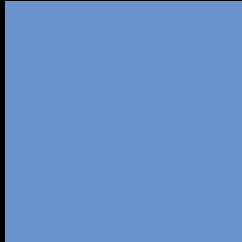
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.5532, 28.6518, 61.8357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

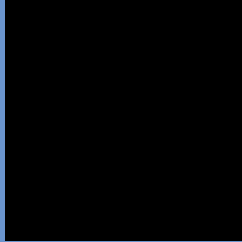
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

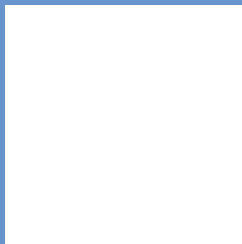
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5532, 28.6518, 61.8357

Background



This preview shows how black text looks on a background with the XYZ color 27.5532, 28.6518, 61.8357.

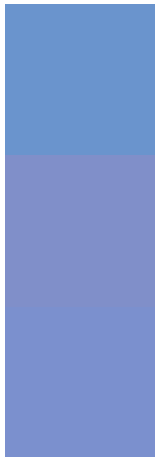


This preview shows how white text looks on a background with the XYZ color 27.5532, 28.6518,

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

27.5532, 28.6518, 61.8357

Protanopia

29.2672, 28.4512, 59.2074

Deuteranopia

29.2822, 28.6137, 62.3722



Tritanopia

23.4053, 28.6495, 41.3421

Trichromacy



Original Color

27.5532, 28.6518, 61.8357

Protanomaly

28.5318, 28.5081, 59.8759

Deuteranomaly

28.6021, 28.4889, 62.3839

Tritanomaly

24.6057, 28.3893, 47.8989

Monochromacy



Original Color

27.5532, 28.6518, 61.8357

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.8181, 27.3303, 39.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5532, 28.6518, 61.8357 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(106, 148, 205)` looks like.

```
.text, #text, p{  
    color:rgb(106, 148, 205)  
}
```

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(106, 148, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 148, 205) }
```

Border

The CSS property to change the border of an element to XYZ 27.5532, 28.6518, 61.8357 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(106, 148, 205) }
```


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

```
.border{ border-color:rgb(106, 148, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 148, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 148, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 148, 205);  
box-shadow:4px 4px 4px 4px rgb(106, 148,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5532, 28.6518, 61.8357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 148, 205) }
```

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

```
.background{ background-color: rgb(106,  
148, 205) }
```

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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