

Converting Colors

XYZ(27.2690, 29.5456, 54.1356)

Have a look what the booklet for
XYZ(27.2690, 29.5456, 54.1356)
contains.

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Color

**XYZ(27.2982, 29.6418,
54.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	6F98C0
RGB	111, 152, 192
RGB Percent	44%, 60%, 75%
CMY	0.5647, 0.4039, 0.2471
CMYK	0.42, 0.21, 0.00, 0.25
HSL	210°, 39%, 59%
HSV	210°, 42%, 75%
XYZ	27.2982, 29.6418, 54.1518
YIQ	144.3010, -37.2760, 3.7480

Conversions

Conversions Part 2

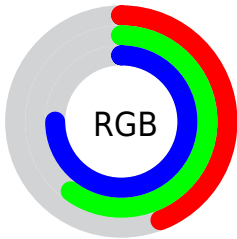
Format	Color
R_{YB}	111, 138, 192
Decimal	7313600
CIE _{Lab}	61.34, -3.49, -25.11
CIE _{LCh}	61, 25.348, 262.087
Yxy	29.6418, 0.2457, 0.2668
Android (android.graphics.Color)	4285503680 (0xFF6F98C0)
YUV	144.3010, 23.5156, -29.2050
Hunter-Lab	54.4443, -5.7781, -20.8605

Details

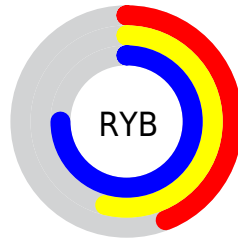
The XYZ color **27.2982, 29.6418, 54.1518** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **35.6747, 34.4880, 19.8165**, and the grayscale version is **26.5503, 27.9330, 30.4190**.

A 20% lighter version of the original color is **54.8961, 59.0892, 98.1345**, and **10.9285, 12.0122, 25.7873** is the 20% darker color. If you saturate the color by 10%, you get **23.6593, 25.5726, 53.5587**, and if you desaturate by 10%, it is **31.5813, 34.2270, 54.8116**.

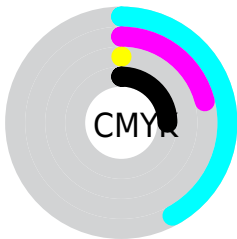
Distribution



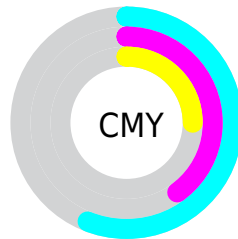
- Red (44%)
- Green (60%)
- Blue (75%)



- Red (44%)
- Yellow (54%)
- Blue (75%)



- Cyan (42%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)



- Cyan (56%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2982, 29.6418, 54.1518 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 27.2982, 29.6418, 54.1518 by changing the saturation by 10% instead.

■ 27.2982, 29.6418,
54.1518

■ 27.2982, 29.6418,
54.1518

281.2394,
300.2312, 419.8796

■ 17.9351, 19.5669,
38.3290

■ 54.7785, 59.0952,
97.7557

■ 11.0028, 12.0806,
25.9343

■ 73.6264, 79.2425,
126.3740

■ 6.1360, 6.7986,
16.5492

■ 96.3666, 103.5161,
160.0945

■ 2.9694, 3.3365,
9.7551

123.3644,
132.3003, 199.3358

■ 1.1376, 1.3098,
5.1334

154.9853,
165.9795, 244.5164

■ 0.0562, 0.1488,
2.2656

191.5945,

■ 0.0000, 0.0000,

204.9381, 296.0549

0.7119

233.5574,
249.5605, 354.3698

■ 0.0000, 0.0000,
0.0000

■ 27.2982, 29.6418,
54.1518

■ 27.2982, 29.6418,
54.1518

■ 23.6593, 25.5726,
53.5587

■ 31.5813, 34.2270,
54.8116

■ 20.6252, 21.9929,
53.0277

■ 36.5391, 39.3462,
55.5384

■ 18.1565, 18.8786,
52.5567

■ 42.2034, 45.0203,
56.3351

■ 16.2070, 16.2015,
52.1427

■ 48.6031, 51.2681,
57.2037

■ 14.7221, 13.9285,
51.7822

■ 55.7655, 58.1073,
58.1463

■ 13.8066, 12.3899,
51.5335

■ 63.7162, 65.5549,
59.1648

■ 72.4798, 73.6271,
60.2610

■ 78.4576, 80.4721,
61.2672

■ 81.1358, 85.8283,
62.1599

Harmonies

Analogous

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



24.4065, 29.6418, 49.0816



27.2982, 29.6418, 54.1518



30.6598, 29.6418, 52.5089

Triad

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



27.2982, 29.6418, 54.1518



34.5578, 29.6418, 25.8372



23.4016, 29.6418, 22.2354

Complementary

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



27.2982, 29.6418, 54.1518



35.6747, 34.4880, 19.8165

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.



25.8256, 29.6418, 18.0483



27.2982, 29.6418, 54.1518



32.3097, 29.6418, 19.8232

Square

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



27.2982, 29.6418, 54.1518



35.0302, 29.6418, 34.8754



29.0676, 29.6418, 17.2622



22.2758, 29.6418, 29.8070

Rectangle

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



27.2982, 29.6418, 54.1518



32.7042, 29.6418, 47.9507



29.0676, 29.6418, 17.2622



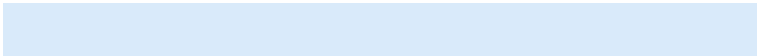
24.0821, 29.6418, 20.4525

Sweetspot

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



27.2992, 29.6429, 54.1525



75.3601, 80.4754, 101.9217



30.9231, 43.2863, 35.6437



15.6588, 16.7593, 21.7948



92.9021, 97.7402, 106.4391



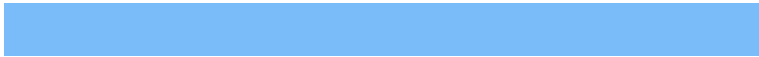
19.4759, 20.4902, 22.3138

Same Dimension

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



27.2992, 29.6429, 54.1525



43.0923, 46.5916, 97.0822



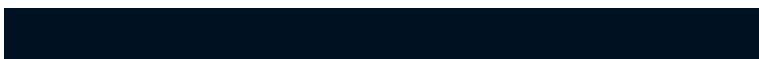
21.9037, 18.8520, 52.3540



9.9402, 10.5718, 12.8015



9.3683, 8.4931, 34.7022



0.4737, 0.5048, 1.5223

Inverse Universe

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



33.0910, 24.8433, 32.7581



55.3693, 37.9219, 51.3946



43.1626, 49.4639, 22.3124



10.2811, 10.1611, 11.5710



16.1247, 8.1396, 8.5685



0.7315, 0.3656, 0.5533

Previews

White Background



This preview shows how the XYZ color 27.2982, 29.6418, 54.1518 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 27.2982, 29.6418, 54.1518 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

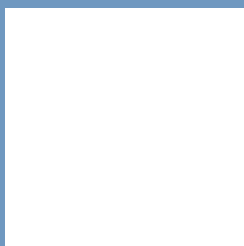
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.2982, 29.6418, 54.1518

Background



This preview shows how black text looks on a background with the XYZ color 27.2982, 29.6418, 54.1518.

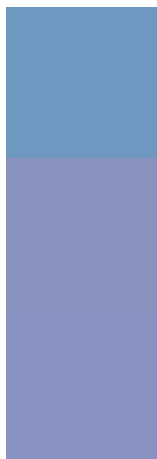


This preview shows how white text looks on a background with the XYZ color 27.2982, 29.6418,

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

27.2982, 29.6418, 54.1518

Protanopia

29.6725, 29.5070, 51.7085

Deuteranopia

30.0676, 29.4194, 54.5459



Tritanopia

24.8756, 29.6448, 41.9470

Trichromacy



Original Color

27.2982, 29.6418, 54.1518

Protanomaly

28.6773, 29.4431, 52.3157

Deuteranomaly

29.1176, 29.6193, 54.6345

Tritanomaly

25.7206, 29.7428, 45.9803

Monochromacy



Original Color

27.2982, 29.6418, 54.1518

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.3825, 28.3462, 37.7991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2982, 29.6418, 54.1518 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(111, 152, 192)` looks like.

```
.text, #text, p{  
    color:rgb(111, 152, 192)  
}
```

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(111, 152, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 152, 192) }
```

Border

The CSS property to change the border of an element to XYZ 27.2982, 29.6418, 54.1518 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(111, 152, 192) }
```


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

```
.border{ border-color:rgb(111, 152, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 152, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 152, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 152, 192);  
box-shadow:4px 4px 4px 4px rgb(111, 152,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2982, 29.6418, 54.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 152, 192) }
```

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

```
.background{ background-color: rgb(111,  
152, 192) }
```

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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