

Converting Colors

XYZ(26.9926, 28.1233, 67.4755)

Have a look what the booklet for
XYZ(26.9926, 28.1233, 67.4755)
contains.

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Color

**XYZ(27.1411, 28.3102,
67.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	5C94D6
RGB	92, 148, 214
RGB Percent	36%, 58%, 84%
CMY	0.6392, 0.4196, 0.1608
CMYK	0.57, 0.31, 0.00, 0.16
HSL	212°, 60%, 60%
HSV	212°, 57%, 84%
XYZ	27.1411, 28.3102, 67.6522
YIQ	138.7800, -54.5620, 8.6540

Conversions

Conversions Part 2

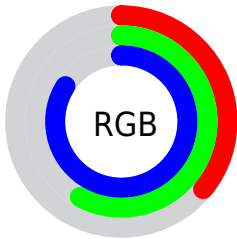
Format	Color
R _{YB}	92, 130, 214
Decimal	6067414
CIE Lab	60.17, 0.95, -39.34
CIE LCh	60, 39.349, 271.377
Yxy	28.3102, 0.2205, 0.2300
Android (android.graphics.Color)	4284257494 (0xFF5C94D6)
YUV	138.7800, 37.0835, -41.0261
Hunter-Lab	53.2073, -2.0598, -38.1411

Details

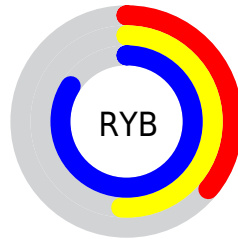
The XYZ color **27.1411, 28.3102, 67.6522** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.8913, 39.5241, 15.5475**, and the grayscale version is **24.3341, 25.6014, 27.8799**.

A 20% lighter version of the original color is **51.7482, 55.9451, 102.6788**, and **10.9566, 11.4091, 34.4256** is the 20% darker color. If you saturate the color by 10%, you get **23.5715, 23.9081, 66.9912**, and if you desaturate by 10%, it is **31.4981, 33.3888, 68.4034**.

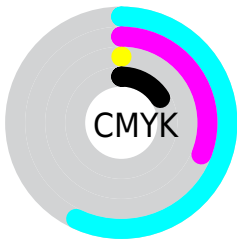
Distribution



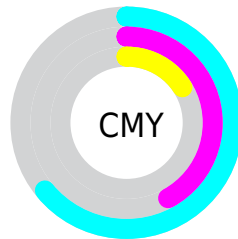
- Red (36%)
- Green (58%)
- Blue (84%)



- Red (36%)
- Yellow (51%)
- Blue (84%)



- Cyan (57%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1411, 28.3102, 67.6522 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 27.1411, 28.3102, 67.6522 by changing the saturation by 10% instead.

■ 27.1411, 28.3102,
67.6522

■ 27.1411, 28.3102,
67.6522

280.4948,
293.9462, 470.8273

■ 17.8164, 18.5596,
49.1499

■ 54.5285, 56.9793,
117.5040

■ 10.9171, 11.3525,
34.3720

■ 73.3219, 76.6666,
149.6905

■ 6.0780, 6.3045,
22.8998

■ 96.0021, 100.4350,
187.2756

■ 2.9337, 3.0311,
14.3150

■ 122.9347,
128.6688, 230.6777

■ 1.1188, 1.1480,
8.1988

154.4849,
161.7524, 280.3153

■ 0.0407, 0.0186,
4.1328

191.0180,

■ 0.0000, 0.0000,

200.0703, 336.6072

1.6985

232.8996,
244.0067, 399.9716

■ 0.0000, 0.0000,
0.3597

■ 0.0000, 0.0000,
0.0000

■ 27.1411, 28.3102,
67.6522

■ 27.1411, 28.3102,
67.6522

■ 23.5715, 23.9081,
66.9912

■ 31.4981, 33.3888,
68.4034

■ 20.7286, 20.1419,
66.4141

■ 36.6907, 39.1750,
69.2466

■ 18.5466, 16.9699,
65.9168

■ 42.7665, 45.7009,
70.1860

■ 16.9391, 14.3390,
65.4937

■ 49.7686, 52.9958,
71.2250

■ 16.5268, 13.6332,
65.3793

■ 57.7369, 61.0870,
72.3667

■ 66.7090, 70.0004,
73.6143

■ 76.7203, 79.7605,
74.9706

■ 84.7207, 88.8012,
76.2939

■ 88.2502, 95.8601,
77.4704

Harmonies

Analogous

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



22.5341, 28.3102, 62.1056



27.1411, 28.3102, 67.6522



32.2664, 28.3102, 61.0497

Triad

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



27.1411, 28.3102, 67.6522



36.0424, 28.3102, 18.5318



19.2774, 28.3102, 19.3652

Complementary

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



27.1411, 28.3102, 67.6522



41.8913, 39.5241, 15.5475

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.



22.1783, 28.3102, 12.7040



27.1411, 28.3102, 67.6522



31.8141, 28.3102, 12.3389

Square

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



27.1411, 28.3102, 67.6522



37.7856, 28.3102, 30.1641



26.6762, 28.3102, 10.5934



18.3483, 28.3102, 31.4955

Rectangle

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



27.1411, 28.3102, 67.6522



35.1967, 28.3102, 51.5574



26.6762, 28.3102, 10.5934



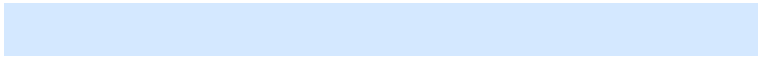
20.0348, 28.3102, 16.5624

Sweetspot

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



27.1421, 28.3112, 67.6529



73.8301, 78.6242, 105.8925



34.5527, 52.8058, 40.3009



15.3270, 16.3383, 22.5957



0.0000, 0.0000, 0.0000



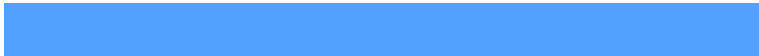
20.3446, 21.4041, 23.3091

Same Dimension

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



27.1421, 28.3112, 67.6529



34.2734, 34.5529, 99.4707



20.7968, 15.0010, 65.4182



12.2076, 12.9385, 15.7915



10.0908, 8.4434, 39.5511



0.6909, 0.6737, 2.4129

Inverse Universe

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



36.9049, 24.0897, 30.7226



50.6772, 29.8144, 36.8908



52.5384, 62.5583, 19.4323



12.6580, 12.5147, 14.1391



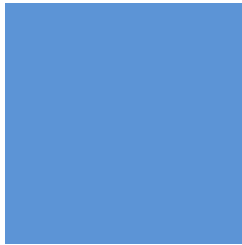
18.1522, 9.1972, 8.1057



1.1364, 0.5713, 0.7075

Previews

White Background



This preview shows how the XYZ color 27.1411, 28.3102, 67.6522 looks on a white background.

Color Contrast Check

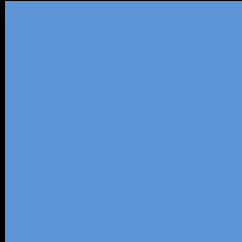
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1411, 28.3102, 67.6522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

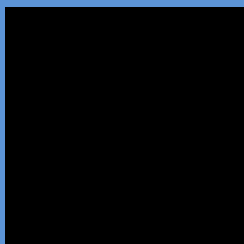
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

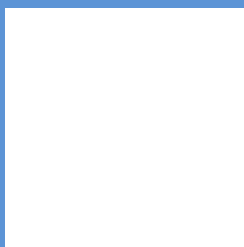
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1411, 28.3102, 67.6522

Background



This preview shows how black text looks on a background with the XYZ color 27.1411, 28.3102, 67.6522.

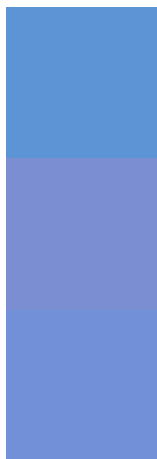


This preview shows how white text looks on a background with the XYZ color 27.1411, 28.3102,

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

27.1411, 28.3102, 67.6522

Protanopia

29.3500, 28.1604, 64.2102

Deuteranopia

29.0491, 28.3635, 68.2336



Tritanopia

22.0424, 28.4344, 41.8627

Trichromacy



Original Color

27.1411, 28.3102, 67.6522

Protanomaly

28.4132, 28.0944, 65.5532

Deuteranomaly

28.2168, 28.1604, 68.2383

Tritanomaly

23.7059, 28.3633, 50.1242

Monochromacy



Original Color

27.1411, 28.3102, 67.6522

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.5820, 26.2368, 39.8450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1411, 28.3102, 67.6522 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(92, 148, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 148, 214)  
}
```

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(92, 148, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 148, 214) }
```

Border

The CSS property to change the border of an element to XYZ 27.1411, 28.3102, 67.6522 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(92, 148, 214) }
```


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

```
.border{ border-color:rgb(92, 148, 214) }
```

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

Here you see how a box with a 4 pixel rgb(92, 148, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 148, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 148, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 148,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1411, 28.3102, 67.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 148, 214) }
```

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

```
.background{ background-color: rgb(92, 148,  
214) }
```

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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