

Converting Colors

XYZ(27.3452, 28.6758, 60.1874)

Have a look what the booklet for
XYZ(27.3452, 28.6758, 60.1874)
contains.

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Color

**XYZ(27.1944, 28.5082,
59.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	6A94CA
RGB	106, 148, 202
RGB Percent	42%, 58%, 79%
CMY	0.5843, 0.4196, 0.2078
CMYK	0.48, 0.27, 0.00, 0.21
HSL	214°, 48%, 60%
HSV	214°, 48%, 79%
XYZ	27.1944, 28.5082, 59.9465
YIQ	141.5980, -42.3660, 7.8900

Conversions

Conversions Part 2

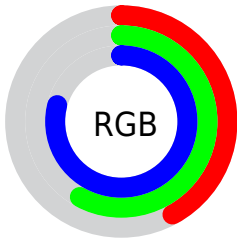
Format	Color
R _Y B	106, 135, 202
Decimal	6984906
CIE Lab	60.35, 0.40, -32.29
CIE LCh	60, 32.293, 270.705
Yxy	28.5082, 0.2351, 0.2465
Android (android.graphics.Color)	4285174986 (0xFF6A94CA)
YUV	141.5980, 29.7782, -31.2194
Hunter-Lab	53.3931, -2.5234, -29.1921

Details

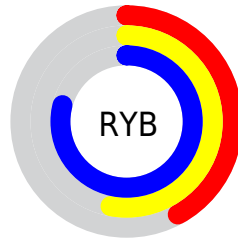
The XYZ color **27.1944, 28.5082, 59.9465** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **39.5304, 38.7400, 19.0309**, and the grayscale version is **25.4516, 26.7771, 29.1602**.

A 20% lighter version of the original color is **54.0708, 57.1424, 102.7875**, and **11.0284, 11.5516, 29.6654** is the 20% darker color. If you saturate the color by 10%, you get **23.3750, 24.0225, 59.2825**, and if you desaturate by 10%, it is **31.7561, 33.6374, 60.6967**.

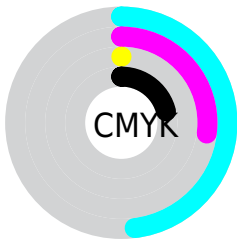
Distribution



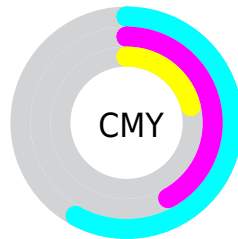
- Red (42%)
- Green (58%)
- Blue (79%)



- Red (42%)
- Yellow (53%)
- Blue (79%)



- Cyan (48%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (58%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1944, 28.5082, 59.9465 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 27.1944, 28.5082, 59.9465 by changing the saturation by 10% instead.

■ 27.1944, 28.5082,
59.9465

■ 27.1944, 28.5082,
59.9465

280.7476,
294.8874, 442.1997

■ 17.8566, 18.7091,
42.9505

■ 54.6133, 57.2948,
106.2947

■ 10.9462, 11.4603,
29.5152

■ 73.4252, 77.0511,
136.4839

■ 6.0977, 6.3773,
19.2220

■ 96.1258, 100.8952,
171.9080

■ 2.9458, 3.0758,
11.6523

■ 123.0806,
129.2116, 212.9854

■ 1.1252, 1.1715,
6.3878

154.6547,
162.3846, 260.1348

■ 0.0460, 0.0382,
3.0097

191.2137,

■ 0.0000, 0.0000,

200.7986, 313.7746

1.0996

233.1229,
244.8381, 374.3234

■ 0.0000, 0.0000,
0.0000

■ 27.1944, 28.5082,
59.9465

■ 27.1944, 28.5082,
59.9465

■ 23.3750, 24.0225,
59.2825

■ 31.7561, 33.6374,
60.6967

■ 20.2497, 20.1463,
58.6991

■ 37.0984, 39.4354,
61.5342

■ 17.7685, 16.8467,
58.1929

■ 43.2601, 45.9296,
62.4630

■ 15.8725, 14.0851,
57.7598

■ 50.2767, 53.1449,
63.4858

■ 14.4807, 11.8111,
57.3943

■ 58.1814, 61.1048,
64.6056

■ 14.1813, 11.3054,
57.3124

■ 67.0055, 69.8316,
65.8250

■ 76.7787, 79.3467,
67.1465

■ 82.7390, 87.2008,
68.3483

■ 86.1692, 94.0611,
69.4917

Harmonies

Analogous

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



23.3774, 28.5082, 55.5312



27.1944, 28.5082, 59.9465



31.3768, 28.5082, 55.1182

Triad

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



27.1944, 28.5082, 59.9465



34.5499, 28.5082, 20.7756



20.7178, 28.5082, 21.1502

Complementary

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



27.1944, 28.5082, 59.9465



39.5304, 38.7400, 19.0309

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.



23.2237, 28.5082, 15.2498



27.1944, 28.5082, 59.9465



31.1899, 28.5082, 15.0755

Square

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



27.1944, 28.5082, 59.9465



35.8809, 28.5082, 30.7605



26.9982, 28.5082, 13.3424



19.8769, 28.5082, 31.3224

Rectangle

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



27.1944, 28.5082, 59.9465



33.7502, 28.5082, 47.8735



26.9982, 28.5082, 13.3424



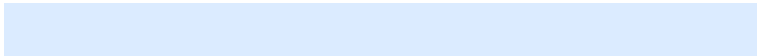
21.3798, 28.5082, 18.7036

Sweetspot

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



27.1954, 28.5092, 59.9472



77.0388, 81.6967, 106.3164



33.3060, 47.8023, 40.1824



15.9524, 16.9306, 22.6771



0.0000, 0.0000, 0.0000



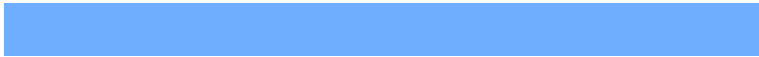
20.3446, 21.4041, 23.3091

Same Dimension

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



27.1954, 28.5092, 59.9472



39.4265, 40.4918, 100.3454



22.3461, 17.9400, 58.1627



10.9988, 11.6380, 14.2370



9.2108, 7.4456, 36.9079



0.5503, 0.5343, 1.9291

Inverse Universe

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



34.8573, 25.0038, 31.0069



54.3443, 35.3629, 43.6184



46.8011, 55.1797, 21.8209



11.4128, 11.2938, 12.7082



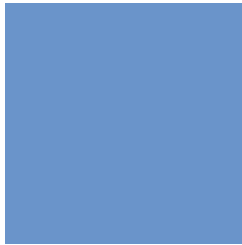
16.8601, 8.5546, 6.9819



0.9077, 0.4565, 0.5597

Previews

White Background



This preview shows how the XYZ color 27.1944, 28.5082, 59.9465 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 27.1944, 28.5082, 59.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

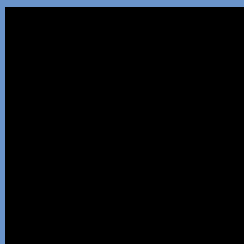
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

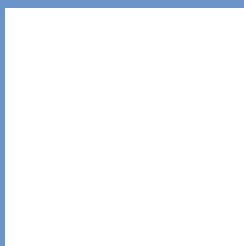
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1944, 28.5082, 59.9465

Background



This preview shows how black text looks on a background with the XYZ color 27.1944, 28.5082, 59.9465.

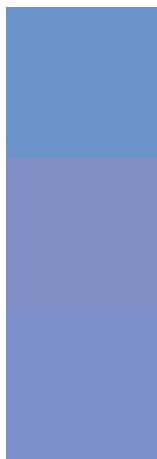


This preview shows how white text looks on a background with the XYZ color 27.1944, 28.5082,

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

27.1944, 28.5082, 59.9465

Protanopia

29.0688, 28.3893, 57.3737

Deuteranopia

29.0594, 28.3167, 60.4340



Tritanopia

23.4157, 28.6656, 40.8581

Trichromacy



Original Color

27.1944, 28.5082, 59.9465

Protanomaly

28.3194, 28.4393, 58.0296

Deuteranomaly

28.3761, 28.4141, 60.4888

Tritanomaly

24.6120, 28.4044, 47.3654

Monochromacy



Original Color

27.1944, 28.5082, 59.9465

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.7274, 27.2940, 39.0342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1944, 28.5082, 59.9465 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(106, 148, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 148, 202) }
```

Border

The CSS property to change the border of an element to XYZ 27.1944, 28.5082, 59.9465 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, 202) }
```


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

```
.border{ border-color:rgb(106, 148, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 148, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 148, 202); box-shadow:4px 4px 4px 4px rgb(106, 148, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1944, 28.5082, 59.9465 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, 202) }
```

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

```
.background{ background-color: rgb(106,  
148, 202) }
```

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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