

Converting Colors

XYZ(27.2858, 28.4527, 61.4147)

Have a look what the booklet for
XYZ(27.2858, 28.4527, 61.4147)
contains.

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Color

**XYZ(27.3147, 28.5427,
61.1964)**

Conversions

Conversions Part 1

Format	Color
Hex	6994CC
RGB	105, 148, 204
RGB Percent	41%, 58%, 80%
CMY	0.5882, 0.4196, 0.2000
CMYK	0.49, 0.27, 0.00, 0.20
HSL	214°, 49%, 61%
HSV	214°, 49%, 80%
XYZ	27.3147, 28.5427, 61.1964
YIQ	141.5270, -43.6040, 8.3000

Conversions

Conversions Part 2

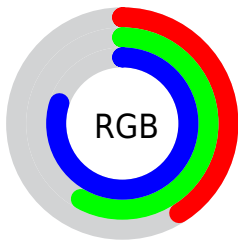
Format	Color
RYB	105, 135, 204
Decimal	6919372
CIELab	60.38, 0.75, -33.37
CIELCh	60, 33.377, 271.287
Yxy	28.5427, 0.2334, 0.2438
Android (android.graphics.Color)	4285109452 (0xFF6994CC)
YUV	141.5270, 30.7992, -32.0342
Hunter-Lab	53.4254, -2.2330, -30.5163

Details

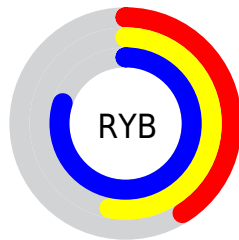
The XYZ color **27.3147, 28.5427, 61.1964** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **40.1976, 39.3484, 18.8422**, and the grayscale version is **25.4202, 26.7441, 29.1243**.

A 20% lighter version of the original color is **53.8685, 57.0381, 102.7780**, and **11.0916, 11.5658, 30.5020** is the 20% darker color. If you saturate the color by 10%, you get **23.4792, 24.0115, 60.5245**, and if you desaturate by 10%, it is **31.9074, 33.7332, 61.9568**.

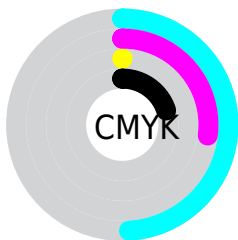
Distribution



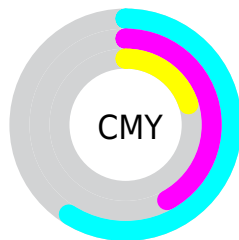
- Red (41%)
- Green (58%)
- Blue (80%)



- Red (41%)
- Yellow (53%)
- Blue (80%)



- Cyan (49%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)



- Cyan (59%)
- Magenta (42%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3147, 28.5427, 61.1964 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 27.3147, 28.5427, 61.1964 by changing the saturation by 10% instead.

■ 27.3147, 28.5427,
61.1964

■ 27.3147, 28.5427,
61.1964

281.3175,
295.0511, 446.9202

■ 17.9475, 18.7352,
43.9521

■ 54.8048, 57.3497,
108.1236

■ 11.0118, 11.4791,
30.2959

■ 73.6584, 77.1180,
138.6435

■ 6.1421, 6.3900,
19.8094

■ 96.4049, 100.9753,
174.4257

■ 2.9732, 3.0837,
12.0738

■ 123.4095,
129.3060, 215.8888

■ 1.1396, 1.1756,
6.6708

155.0378,
162.4946, 263.4512

■ 0.0579, 0.0416,
3.1818

191.6549,

■ 0.0000, 0.0000,

200.9254, 317.5316

1.1882

233.6264,
244.9827, 378.5484

■ 0.0000, 0.0000,
0.0000

■ 27.3147, 28.5427,
61.1964

■ 27.3147, 28.5427,
61.1964

■ 23.4792, 24.0115,
60.5245

■ 31.9074, 33.7332,
61.9568

■ 20.3507, 20.1043,
59.9352

■ 37.2969, 39.6094,
62.8069

■ 17.8775, 16.7868,
59.4252

■ 43.5235, 46.1997,
63.7508

■ 15.9979, 14.0187,
58.9900

■ 50.6238, 53.5298,
64.7914

■ 14.6187, 11.7428,
58.6234

■ 58.6319, 61.6242,
65.9317

■ 14.4388, 11.4389,
58.5742

■ 67.5804, 70.5060,
67.1744

■ 77.4999, 80.1972,
68.5222

■ 83.3933, 88.1279,
69.7424

■ 86.9052, 95.1517,
70.9130

Harmonies

Analogous

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



23.3547, 28.5427, 56.7527



27.3147, 28.5427, 61.1964



31.6438, 28.5427, 55.9636

Triad

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



27.3147, 28.5427, 61.1964



34.8092, 28.5427, 20.3502



20.5165, 28.5427, 21.0512

Complementary

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



27.3147, 28.5427, 61.1964



40.1976, 39.3484, 18.8422

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.



23.0655, 28.5427, 14.9415



27.3147, 28.5427, 61.1964



31.2895, 28.5427, 14.6182

Square

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



27.3147, 28.5427, 61.1964



36.2428, 28.5427, 30.5505



26.9441, 28.5427, 12.9335



19.6875, 28.5427, 31.6119

Rectangle

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



27.3147, 28.5427, 61.1964



34.0903, 28.5427, 48.3247



26.9441, 28.5427, 12.9335



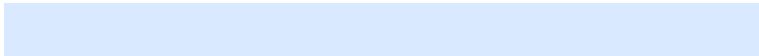
21.1864, 28.5427, 18.5175

Sweetspot

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



27.3157, 28.5437, 61.1971



75.8329, 80.4172, 106.1330



33.7167, 48.7086, 40.6318



15.7123, 16.6733, 22.6401



0.0000, 0.0000, 0.0000



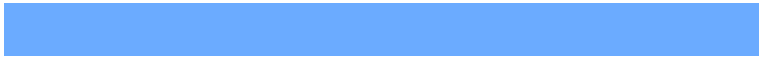
20.3446, 21.4041, 23.3091

Same Dimension

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



27.3157, 28.5437, 61.1971



38.7523, 39.6058, 100.2100



22.3760, 17.7758, 59.3790



10.9959, 11.6322, 14.2361



9.1768, 7.3776, 36.8966



0.5484, 0.5306, 1.9284

Inverse Universe

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



35.2996, 25.0798, 30.9983



53.8911, 34.7494, 42.5643



47.7099, 56.3553, 21.7289



11.4113, 11.2932, 12.7004



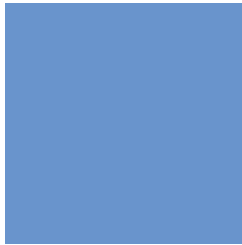
16.8429, 8.5478, 6.8916



0.9068, 0.4561, 0.5548

Previews

White Background



This preview shows how the XYZ color 27.3147, 28.5427, 61.1964 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 27.3147, 28.5427, 61.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

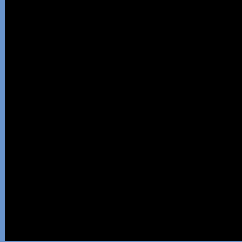
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3147, 28.5427, 61.1964

Background



This preview shows how black text looks on a background with the XYZ color 27.3147, 28.5427, 61.1964.

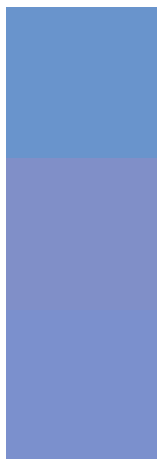


This preview shows how white text looks on a background with the XYZ color 27.3147, 28.5427,

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

27.3147, 28.5427, 61.1964

Protanopia

29.1499, 28.4042, 58.5898

Deuteranopia

29.1611, 28.5652, 61.7343



Tritanopia

23.3125, 28.6124, 40.8533

Trichromacy



Original Color

27.3147, 28.5427, 61.1964

Protanomaly

28.4137, 28.4609, 59.2543

Deuteranomaly

28.3473, 28.3716, 61.7398

Tritanomaly

24.5035, 28.3484, 47.3603

Monochromacy



Original Color

27.3147, 28.5427, 61.1964

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 27.3147, 28.5427, 61.1964 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(105, 148, 204)` looks like.

```
.text, #text, p{  
    color:rgb(105, 148, 204)  
}
```

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(105, 148, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 148, 204) }
```

Border

The CSS property to change the border of an element to XYZ 27.3147, 28.5427, 61.1964 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(105, 148, 204) }
```


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

```
.border{ border-color:rgb(105, 148, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 148, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 148, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 148, 204);  
box-shadow:4px 4px 4px 4px rgb(105, 148,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3147, 28.5427, 61.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 148, 204) }
```

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

```
.background{ background-color: rgb(105,  
148, 204) }
```

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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