

Converting Colors

XYZ(27.2647, 28.6290, 66.9950)

Have a look what the booklet for
XYZ(27.2647, 28.6290, 66.9950)
contains.

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Color

**XYZ(27.2719, 28.6261,
67.0388)**

Conversions

Conversions Part 1

Format	Color
Hex	5D95D5
RGB	93, 149, 213
RGB Percent	36%, 58%, 84%
CMY	0.6353, 0.4157, 0.1647
CMYK	0.56, 0.30, 0.00, 0.16
HSL	212°, 59%, 60%
HSV	212°, 56%, 84%
XYZ	27.2719, 28.6261, 67.0388
YIQ	139.5520, -53.9200, 8.0320

Conversions

Conversions Part 2

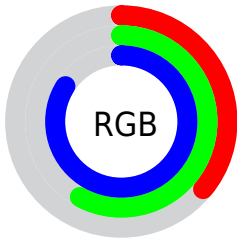
Format	Color
R _{YB}	93, 131, 213
Decimal	6133205
CIE Lab	60.45, 0.26, -38.33
CIE LCh	60, 38.335, 270.384
Yxy	28.6261, 0.2218, 0.2329
Android (android.graphics.Color)	4284323285 (0xFF5D95D5)
YUV	139.5520, 36.2099, -40.8261
Hunter-Lab	53.5034, -2.6453, -36.8370

Details

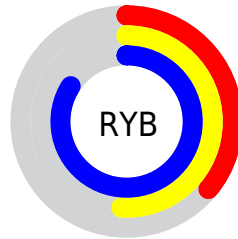
The XYZ color **27.2719, 28.6261, 67.0388** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **41.4748, 39.0524, 15.7093**, and the grayscale version is **24.6340, 25.9168, 28.2234**.

A 20% lighter version of the original color is **52.1684, 56.5112, 102.7659**, and **11.0343, 11.5990, 34.0050** is the 20% darker color. If you saturate the color by 10%, you get **23.6981, 24.2448, 66.3821**, and if you desaturate by 10%, it is **31.6234, 33.6695, 67.7835**.

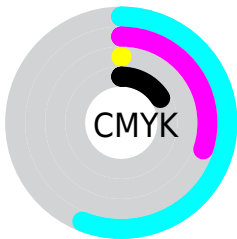
Distribution



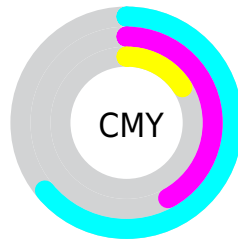
- Red (36%)
- Green (58%)
- Blue (84%)



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



- Cyan (56%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2719, 28.6261, 67.0388 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 27.2719, 28.6261, 67.0388 by changing the saturation by 10% instead.

■ 27.2719, 28.6261,
67.0388

■ 27.2719, 28.6261,
67.0388

281.1148,
295.4467, 468.5881

■ 17.9152, 18.7982,
48.6544

■ 54.7367, 57.4825,
116.6172

■ 10.9884, 11.5245,
33.9817

■ 73.5755, 77.2797,
148.6482

■ 6.1263, 6.4208,
22.6023

■ 96.3056, 101.1689,
186.0652

■ 2.9634, 3.1026,
14.0976

■ 123.2925,
129.5343, 229.2866

■ 1.1344, 1.1855,
8.0491

154.9016,
162.7604, 278.7311

■ 0.0536, 0.0498,
4.0381

191.4980,

■ 0.0000, 0.0000,

201.2316, 334.8172

1.6463

233.4473,
245.3322, 397.9633

■ 0.0000, 0.0000,
0.3235

■ 0.0000, 0.0000,
0.0000

■ 27.2719, 28.6261,
67.0388

■ 27.2719, 28.6261,
67.0388

■ 23.6981, 24.2448,
66.3821

■ 31.6234, 33.6695,
67.7835

■ 20.8427, 20.4863,
65.8071

■ 36.7997, 39.4051,
68.6177

■ 18.6417, 17.3103,
65.3101

■ 42.8474, 45.8641,
69.5457

■ 17.0142, 14.6669,
64.8856

■ 49.8085, 53.0748,
70.5706

■ 16.5099, 13.8032,
64.7455

■ 57.7223, 61.0639,
71.6956

■ 66.6256, 69.8564,
72.9234

■ 76.5530, 79.4762,
74.2570

■ 84.3766, 88.3166,
75.5510

■ 87.8242, 95.2119,
76.7003

Harmonies

Analogous

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



22.7802, 28.6261, 61.2924



27.2719, 28.6261, 67.0388



32.2992, 28.6261, 61.0069

Triad

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



27.2719, 28.6261, 67.0388



36.2493, 28.6261, 19.3382



19.7599, 28.6261, 19.5686

Complementary

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



27.2719, 28.6261, 67.0388



41.4748, 39.0524, 15.7093

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.



22.6825, 28.6261, 13.1027



27.2719, 28.6261, 67.0388



32.1759, 28.6261, 13.0007

Square

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



27.2719, 28.6261, 67.0388



37.8512, 28.6261, 30.9872



27.1447, 28.6261, 11.1168



18.7746, 28.6261, 31.3515

Rectangle

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



27.2719, 28.6261, 67.0388



35.1982, 28.6261, 51.9242



27.1447, 28.6261, 11.1168



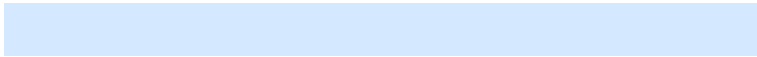
20.5294, 28.6261, 16.8453

Sweetspot

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



27.2729, 28.6271, 67.0395



73.9232, 78.8104, 105.9235



34.3954, 52.3509, 40.1917



15.3489, 16.3821, 22.6030



0.0000, 0.0000, 0.0000



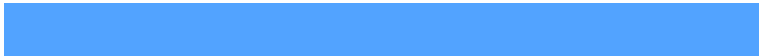
20.3446, 21.4041, 23.3091

Same Dimension

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



27.2729, 28.6271, 67.0395



34.5066, 35.0192, 99.5484



20.8557, 15.1757, 64.7813



12.2155, 12.9545, 15.7942



10.1851, 8.6320, 39.5825



0.6967, 0.6854, 2.4149

Inverse Universe

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



36.7807, 24.1461, 31.1567



50.7949, 29.8615, 37.5106



52.0653, 61.9348, 19.5679



12.6620, 12.5163, 14.1603



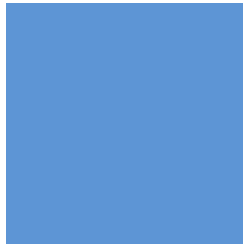
18.1998, 9.2163, 8.3564



1.1393, 0.5725, 0.7230

Previews

White Background



This preview shows how the XYZ color 27.2719, 28.6261, 67.0388 looks on a white background.

Color Contrast Check

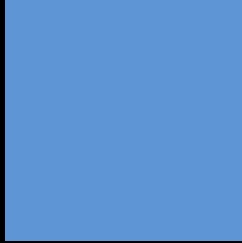
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2719, 28.6261, 67.0388 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 27.2719, 28.6261, 67.0388

Background



This preview shows how black text looks on a background with the XYZ color 27.2719, 28.6261, 67.0388.

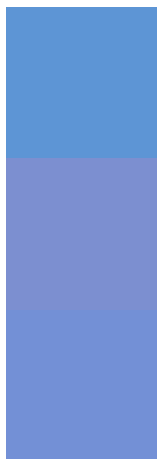


This preview shows how white text looks on a background with the XYZ color 27.2719, 28.6261,

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

27.2719, 28.6261, 67.0388

Protanopia

29.5198, 28.4841, 63.6166

Deuteranopia

29.1811, 28.4464, 67.5710



Tritanopia

22.2932, 28.5527, 42.3665

Trichromacy



Original Color

27.2719, 28.6261, 67.0388

Protanomaly

28.5683, 28.4147, 64.9516

Deuteranomaly

28.4799, 28.5386, 67.6258

Tritanomaly

23.8982, 28.4502, 50.6862

Monochromacy



Original Color

27.2719, 28.6261, 67.0388

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9659, 26.6459, 40.3865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2719, 28.6261, 67.0388 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(93, 149, 213)` looks like.

```
.text, #text, p{  
    color:rgb(93, 149, 213)  
}
```

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(93, 149, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 149, 213) }
```

Border

The CSS property to change the border of an element to XYZ 27.2719, 28.6261, 67.0388 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(93, 149, 213) }
```


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

```
.border{ border-color:rgb(93, 149, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 149, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 149, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 149, 213);  
box-shadow:4px 4px 4px 4px rgb(93, 149,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2719, 28.6261, 67.0388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 149, 213) }
```

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

```
.background{ background-color: rgb(93, 149,  
213) }
```

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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