

Converting Colors

XYZ(27.2534, 28.9907, 65.1762)

Have a look what the booklet for
XYZ(27.2534, 28.9907, 65.1762)
contains.

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Color

**XYZ(27.1553, 28.8455,
65.1093)**

Conversions

Conversions Part 1

Format	Color
Hex	5E96D2
RGB	94, 150, 210
RGB Percent	37%, 59%, 82%
CMY	0.6314, 0.4118, 0.1765
CMYK	0.55, 0.29, 0.00, 0.18
HSL	211°, 56%, 60%
HSV	211°, 55%, 82%
XYZ	27.1553, 28.8455, 65.1093
YIQ	140.0960, -52.6360, 6.7880

Conversions

Conversions Part 2

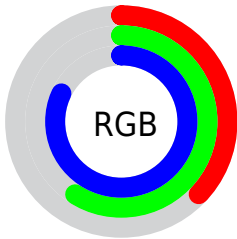
Format	Color
R _Y B	94, 132, 210
Decimal	6198994
CIE Lab	60.65, -1.05, -36.35
CIE LCh	61, 36.365, 268.340
Yxy	28.8455, 0.2242, 0.2382
Android (android.graphics.Color)	4284389074 (0xFF5E96D2)
YUV	140.0960, 34.4627, -40.4262
Hunter-Lab	53.7080, -3.7376, -34.2807

Details

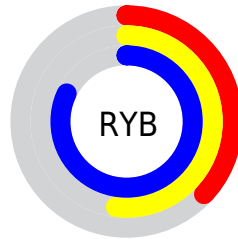
The XYZ color **27.1553, 28.8455, 65.1093** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **40.1556, 37.6227, 15.7365**, and the grayscale version is **24.8505, 26.1447, 28.4715**.

A 20% lighter version of the original color is **52.4054, 56.9850, 102.8449**, and **10.9525, 11.7278, 32.6968** is the 20% darker color. If you saturate the color by 10%, you get **23.6339, 24.5756, 64.4713**, and if you desaturate by 10%, it is **31.4252, 33.7408, 65.8297**.

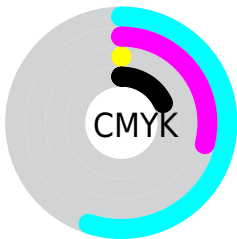
Distribution



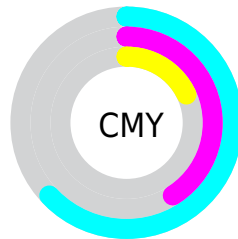
- Red (37%)
- Green (59%)
- Blue (82%)



- Red (37%)
- Yellow (52%)
- Blue (82%)



- Cyan (55%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (41%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1553, 28.8455, 65.1093 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 27.1553, 28.8455, 65.1093 by changing the saturation by 10% instead.

■ 27.1553, 28.8455,
65.1093

■ 27.1553, 28.8455,
65.1093

280.5621,
296.4853, 461.5016

■ 17.8271, 18.9640,
47.0978

■ 54.5511, 57.8315,
113.8218

■ 10.9248, 11.6443,
32.7581

■ 73.3494, 77.7048,
145.3598

■ 6.0832, 6.5019,
21.6716

■ 96.0351, 101.6775,
182.2438

■ 2.9369, 3.1526,
13.4198

■ 122.9736,
130.1339, 224.8922

■ 1.1205, 1.2119,
7.5841

154.5301,
163.4585, 273.7237

■ 0.0422, 0.0714,
3.7461

191.0702,

■ 0.0000, 0.0000,

202.0357, 329.1567

1.4871

232.9591,
246.2498, 391.6099

■ 0.0000, 0.0000,
0.2083

■ 0.0000, 0.0000,
0.0000

■ 27.1553, 28.8455,
65.1093

■ 27.1553, 28.8455,
65.1093

■ 23.6339, 24.5756,
64.4713

■ 31.4252, 33.7408,
65.8297

■ 20.8048, 20.8942,
63.9098

■ 36.4878, 39.2891,
66.6338

■ 18.6080, 17.7641,
63.4214

■ 42.3876, 45.5196,
67.5255

■ 16.9694, 15.1401,
63.0013

■ 49.1644, 52.4587,
68.5077

■ 16.3234, 14.0340,
62.8219

■ 56.8553, 60.1312,
69.5833

■ 65.4954, 68.5605,
70.7549

■ 75.1176, 77.7688,
72.0251

■ 83.1285, 86.4242,
73.2736

■ 86.3676, 92.9025,
74.3533

Harmonies

Analogous

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



22.9339, 28.8455, 59.0514



27.1553, 28.8455, 65.1093



31.9431, 28.8455, 60.2032

Triad

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



27.1553, 28.8455, 65.1093



36.1824, 28.8455, 20.6372



20.4100, 28.8455, 19.6692

Complementary

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



27.1553, 28.8455, 65.1093



40.1556, 37.6227, 15.7365

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.



23.3397, 28.8455, 13.6676



27.1553, 28.8455, 65.1093



32.4488, 28.8455, 14.1035

Square

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



27.1553, 28.8455, 65.1093



37.4990, 28.8455, 32.1651



27.6799, 28.8455, 11.9652



19.3261, 28.8455, 30.6626

Rectangle

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



27.1553, 28.8455, 65.1093



34.7523, 28.8455, 51.9883



27.6799, 28.8455, 11.9652



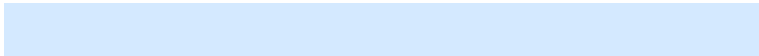
21.1938, 28.8455, 17.1329

Sweetspot

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



27.1563, 28.8465, 65.1100



74.1199, 79.2037, 105.9891



33.4910, 50.8046, 38.5853



15.3953, 16.4749, 22.6185



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.



27.1563, 28.8465, 65.1100



35.9453, 37.2173, 99.8969



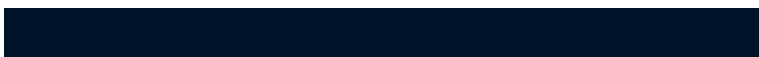
20.4536, 15.1431, 62.8182



11.6279, 12.3460, 15.0138



10.0566, 8.7599, 38.3533



0.6416, 0.6484, 2.1709

Inverse Universe

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



36.0870, 23.9103, 31.5682



51.6868, 30.8531, 40.2506



51.0989, 60.3216, 19.5411



12.0431, 11.9020, 13.5026



17.7069, 8.9556, 8.6284



1.0301, 0.5167, 0.6932

Previews

White Background



This preview shows how the XYZ color 27.1553, 28.8455, 65.1093 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 27.1553, 28.8455, 65.1093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

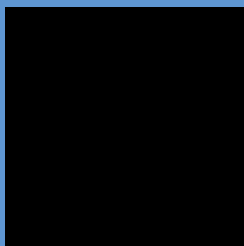
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

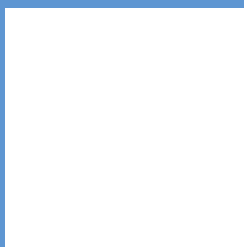
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.1553, 28.8455, 65.1093

Background



This preview shows how black text looks on a background with the XYZ color 27.1553, 28.8455, 65.1093.

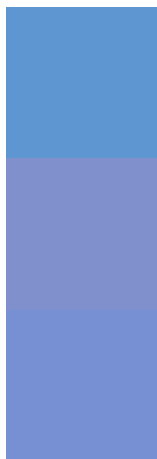


This preview shows how white text looks on a background with the XYZ color 27.1553, 28.8455,

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

27.1553, 28.8455, 65.1093

Protanopia

29.7451, 28.8663, 61.7616

Deuteranopia

29.3389, 28.5716, 65.5966



Tritanopia

22.7070, 29.0183, 42.4345

Trichromacy



Original Color

27.1553, 28.8455, 65.1093

Protanomaly

28.6116, 28.7076, 63.0646

Deuteranomaly

28.4672, 28.5759, 65.6433

Tritanomaly

24.1345, 28.8303, 50.1917

Monochromacy



Original Color

27.1553, 28.8455, 65.1093

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.9332, 26.8741, 39.4704

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1553, 28.8455, 65.1093 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(94, 150, 210)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 210)  
}
```

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(94, 150, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 210) }
```

Border

The CSS property to change the border of an element to XYZ 27.1553, 28.8455, 65.1093 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(94, 150, 210) }
```


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

```
.border{ border-color:rgb(94, 150, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 210);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1553, 28.8455, 65.1093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 210) }
```

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

```
.background{ background-color: rgb(94, 150,  
210) }
```

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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