

Converting Colors

XYZ(25.9675, 27.5328, 54.3976)

Have a look what the booklet for
XYZ(25.9675, 27.5328, 54.3976)
contains.

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Color

**XYZ(25.9679, 27.5338,
54.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	6B92C1
RGB	107, 146, 193
RGB Percent	42%, 57%, 76%
CMY	0.5804, 0.4274, 0.2431
CMYK	0.45, 0.24, 0.00, 0.24
HSL	213°, 41%, 59%
HSV	213°, 45%, 76%
XYZ	25.9679, 27.5338, 54.3980
YIQ	139.6970, -38.3310, 6.3490

Conversions

Conversions Part 2

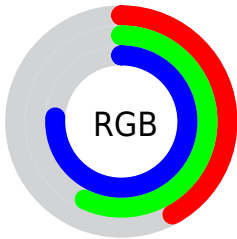
Format	Color
R _Y B	107, 134, 193
Decimal	7049921
CIE Lab	59.47, -0.84, -28.59
CIE LCh	59, 28.598, 268.317
Yxy	27.5338, 0.2407, 0.2552
Android (android.graphics.Color)	4285240001 (0xFF6B92C1)
YUV	139.6970, 26.2784, -28.6753
Hunter-Lab	52.4727, -3.4903, -24.7346

Details

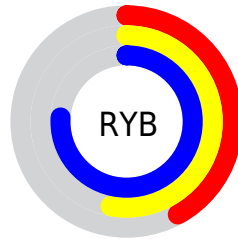
The XYZ color **25.9679, 27.5338, 54.3980** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **36.2025, 35.5111, 18.8572**, and the grayscale version is **24.7226, 26.0101, 28.3250**.

A 20% lighter version of the original color is **52.8099, 55.8921, 98.4473**, and **10.3113, 10.9867, 26.0033** is the 20% darker color. If you saturate the color by 10%, you get **22.3498, 23.3657, 53.7847**, and if you desaturate by 10%, it is **30.2558, 32.2710, 55.0869**.

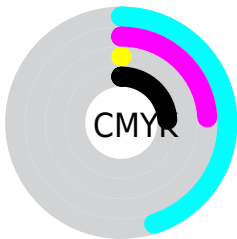
Distribution



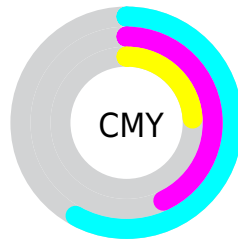
- Red (42%)
- Green (57%)
- Blue (76%)



- Red (42%)
- Yellow (53%)
- Blue (76%)



- Cyan (45%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9679, 27.5338, 54.3980 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 25.9679, 27.5338, 54.3980 by changing the saturation by 10% instead.

■ 25.9679, 27.5338,
54.3980

■ 25.9679, 27.5338,
54.3980

274.8841,
290.2325, 420.8433

■ 16.9322, 17.9745,
38.5246

■ 52.6548, 55.7393,
98.1207

■ 10.2812, 10.9317,
26.0851

■ 71.0367, 75.1542,
126.8070

■ 5.6495, 6.0209,
16.6610

■ 93.2648, 98.6233,
160.6014

■ 2.6717, 2.8578,
9.8337

■ 119.7043,
126.5307, 199.9224

■ 0.9827, 1.0580,
5.1847

150.7206,
159.2609, 245.1886

■ 0.0000, 0.0000,
2.2954

186.6791,

■ 0.0000, 0.0000,

197.1984, 296.8184

0.7286

227.9451,
240.7274, 355.2305

■ 0.0000, 0.0000,
0.0000

■ 25.9679, 27.5338,
54.3980

■ 25.9679, 27.5338,
54.3980

■ 22.3498, 23.3657,
53.7847

■ 30.2558, 32.2710,
55.0869

■ 19.3597, 19.7375,
53.2420

■ 35.2461, 37.5983,
55.8521

■ 16.9553, 16.6217,
52.7673

■ 40.9728, 43.5392,
56.6970

■ 15.0868, 13.9861,
52.3570

■ 47.4663, 50.1149,
57.6240

■ 13.6948, 11.7932,
52.0071

■ 54.7557, 57.3455,
58.6355

■ 13.0765, 10.7518,
51.8387

■ 62.8682, 65.2499,
59.7336

■ 71.8298, 73.8466,
60.9206

■ 79.2696, 81.9180,
62.0864

■ 82.3009, 87.9806,
63.0968

Harmonies

Analogous

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



22.7096, 27.5338, 50.1440



25.9679, 27.5338, 54.3980



29.5827, 27.5338, 50.9663

Triad

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



25.9679, 27.5338, 54.3980



32.7289, 27.5338, 21.5463



20.7248, 27.5338, 20.7497

Complementary

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



25.9679, 27.5338, 54.3980



36.2025, 35.5111, 18.8572

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.



23.0305, 27.5338, 15.7273



25.9679, 27.5338, 54.3980



29.9652, 27.5338, 16.1079

Square

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



25.9679, 27.5338, 54.3980



33.6935, 27.5338, 30.5638



26.3732, 27.5338, 14.2434



19.8592, 27.5338, 29.4029

Rectangle

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



25.9679, 27.5338, 54.3980



31.6709, 27.5338, 45.1404



26.3732, 27.5338, 14.2434



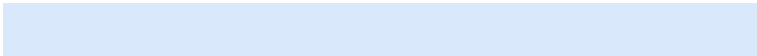
21.3461, 27.5338, 18.6617

Sweetspot

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



25.9688, 27.5348, 54.3987



74.8754, 79.5061, 101.7601



30.8729, 43.5619, 36.8613



15.5393, 16.5202, 21.7550



92.9021, 97.7402, 106.4391



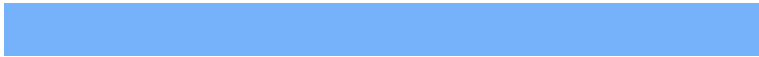
19.4759, 20.4902, 22.3138

Same Dimension

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



25.9688, 27.5348, 54.3987



40.4611, 42.3578, 96.4036



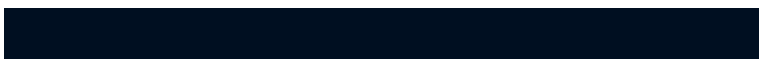
21.2981, 17.6731, 52.7413



9.8961, 10.4835, 12.7868



8.7751, 7.3067, 34.5044



0.4479, 0.4532, 1.5138

Inverse Universe

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



32.4391, 23.9291, 30.1042



53.7901, 36.3289, 46.0424



42.9930, 50.1664, 21.3280



10.2588, 10.1521, 11.4536



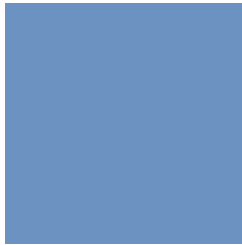
15.8252, 8.0198, 6.9917



0.7185, 0.3604, 0.4849

Previews

White Background



This preview shows how the XYZ color 25.9679, 27.5338, 54.3980 looks on a white background.

Color Contrast Check

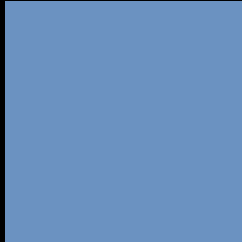
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9679, 27.5338, 54.3980 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

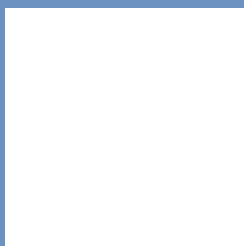
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9679, 27.5338, 54.3980

Background



This preview shows how black text looks on a background with the XYZ color 25.9679, 27.5338, 54.3980.

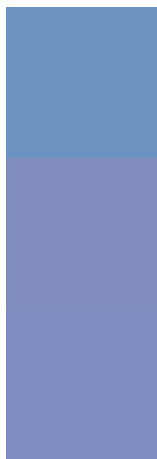


This preview shows how white text looks on a background with the XYZ color 25.9679, 27.5338,

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

25.9679, 27.5338, 54.3980

Protanopia

27.7634, 27.3910, 51.9678

Deuteranopia

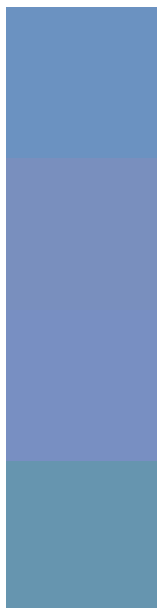
28.0149, 27.4568, 54.8621



Tritanopia

22.9130, 27.4662, 39.2158

Trichromacy



Original Color

25.9679, 27.5338, 54.3980

Protanomaly

27.0019, 27.4276, 52.5861

Deuteranomaly

27.3058, 27.5330, 54.9142

Tritanomaly

23.9648, 27.4148, 44.5859

Monochromacy



Original Color

25.9679, 27.5338, 54.3980

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8331, 26.4384, 36.5952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9679, 27.5338, 54.3980 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(107, 146, 193)` looks like.

```
.text, #text, p{  
    color:rgb(107, 146, 193)  
}
```

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(107, 146, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 146, 193) }
```

Border

The CSS property to change the border of an element to XYZ 25.9679, 27.5338, 54.3980 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(107, 146, 193) }
```


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

```
.border{ border-color:rgb(107, 146, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 146, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(107, 146, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(107, 146, 193); box-shadow:4px 4px 4px 4px rgb(107, 146, 193) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9679, 27.5338, 54.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 146, 193) }
```

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

```
.background{ background-color: rgb(107,  
146, 193) }
```

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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