

Converting Colors

XYZ(22.5456, 21.6711, 58.2530)

Have a look what the booklet for
XYZ(22.5456, 21.6711, 58.2530)
contains.

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Color

**XYZ(22.5456, 21.6711,
58.2530)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5C7FC9 |
| RGB | 92, 127, 201 |
| RGB Percent | 36%, 50%, 79% |
| CMY | 0.6392, 0.5020, 0.2118 |
| CMYK | 0.54, 0.37, 0.00, 0.21 |
| HSL | 221°, 50%, 57% |
| HSV | 221°, 54%, 79% |
| XYZ | 22.5456, 21.6711, 58.2530 |
| YIQ | 124.9710, -44.6140, 15.5940 |

Conversions

Conversions Part 2

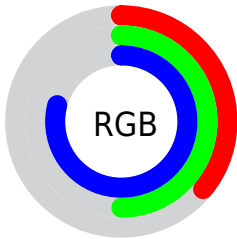
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 92, 118, 201 |
| Decimal | 6062025 |
| CIE Lab | 53.68, 9.18, -42.23 |
| CIE LCh | 54, 43.217, 282.269 |
| Yxy | 21.6711, 0.2200, 0.2115 |
| Android (android.graphics.Color) | 4284252105 (0xFF5C7FC9) |
| YUV | 124.9710, 37.4823, -28.9156 |
| Hunter-Lab | 46.5522, 4.9825, -41.6058 |

Details

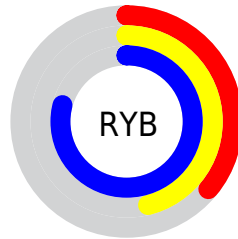
The XYZ color **22.5456, 21.6711, 58.2530** is a dark color, and the websafe version is hex **666699**. The color can be described as middle muted azure. A complement of this color would be **39.6565, 40.4643, 15.8466**, and the grayscale version is **19.3727, 20.3816, 22.1955**.

A 20% lighter version of the original color is **46.5645, 45.8498, 101.0034**, and **8.3916, 7.7710, 28.2518** is the 20% darker color. If you saturate the color by 10%, you get **19.1530, 17.4809, 57.6235**, and if you desaturate by 10%, it is **26.7112, 26.6148, 58.9881**.

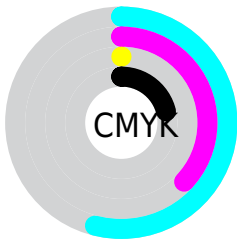
Distribution



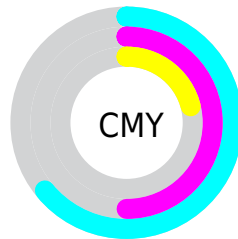
- Red (36%)
- Green (50%)
- Blue (79%)



- Red (36%)
- Yellow (46%)
- Blue (79%)



- Cyan (54%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5456, 21.6711, 58.2530 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 22.5456, 21.6711, 58.2530 by changing the saturation by 10% instead.

■ 22.5456, 21.6711,
58.2530

■ 22.5456, 21.6711,
58.2530

257.9616,
260.8238, 435.7526

■ 14.3772, 13.6154,
41.5960

■ 47.1183, 46.2018,
103.8096

■ 8.4669, 7.8537,
28.4619

■ 64.2533, 63.4456,
133.5463

■ 4.4494, 4.0015,
18.4321

■ 85.1078, 84.5209,
168.4801

■ 1.9594, 1.6744,
11.0880

■ 110.0473,
109.8121, 209.0293

■ 0.6110, 0.4070,
6.0111

139.4371,
139.7036, 255.6127

■ 0.0000, 0.0000,
2.7830

173.6425,

■ 0.0000, 0.0000,

174.5798, 308.6486

0.9849

213.0288,
214.8251, 368.5557

■ 0.0000, 0.0000,
0.0000

■ 22.5456, 21.6711,
58.2530

■ 22.5456, 21.6711,
58.2530

■ 19.1530, 17.4809,
57.6235

■ 26.7112, 26.6148,
58.9881

■ 16.4782, 14.0006,
57.0927

■ 31.6948, 32.3476,
59.8320

■ 14.4621, 11.1851,
56.6555

■ 37.5404, 38.9053,
60.7897

■ 13.0332, 8.9812,
56.3054

■ 44.2885, 46.3206,
61.8653

■ 12.4066, 7.9449,
56.1384

■ 51.9765, 54.6244,
63.0629

■ 60.6398, 63.8460,
64.3862

■ 70.3120, 74.0134,
65.8389

■ 81.0249, 85.1531,
67.4245

■ 85.9118, 93.7353,
68.8235

Harmonies

Analogous

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



18.0066, 21.6711, 57.1131



22.5456, 21.6711, 58.2530



27.1761, 21.6711, 47.9027

Triad

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



22.5456, 21.6711, 58.2530



27.9033, 21.6711, 10.2779



13.2360, 21.6711, 16.6591

Complementary

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



22.5456, 21.6711, 58.2530



39.6565, 40.4643, 15.8466

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.



15.1771, 21.6711, 9.3229



22.5456, 21.6711, 58.2530



23.4262, 21.6711, 6.7022

Square

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



22.5456, 21.6711, 58.2530



30.5656, 21.6711, 18.5879



18.7654, 21.6711, 6.4344



13.0734, 21.6711, 29.4318

Rectangle

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



22.5456, 21.6711, 58.2530



29.5134, 21.6711, 37.5404



18.7654, 21.6711, 6.4344



13.6870, 21.6711, 13.6192

Sweetspot

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



22.5464, 21.6718, 58.2535



73.3912, 76.6488, 105.5343



32.0624, 46.7538, 42.7740



15.1788, 15.8257, 22.5046



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.



22.5464, 21.6718, 58.2535



31.9369, 28.8423, 98.4916



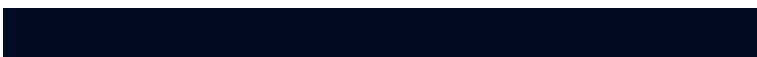
20.8220, 15.1982, 57.0949



10.3301, 10.8342, 13.4643



7.8748, 5.1434, 35.3221



0.4389, 0.3757, 1.6945

Inverse Universe

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



31.7460, 21.6051, 22.5763



49.7511, 30.4136, 29.0247



42.3079, 52.5934, 18.0480



10.7719, 10.6921, 11.7820



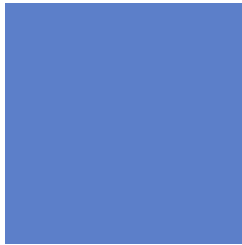
15.7742, 8.0592, 4.0206



0.7802, 0.3949, 0.3659

Previews

White Background



This preview shows how the XYZ color 22.5456, 21.6711, 58.2530 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 22.5456, 21.6711, 58.2530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

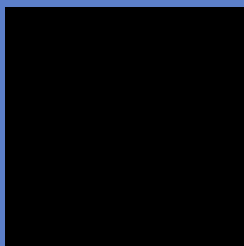
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

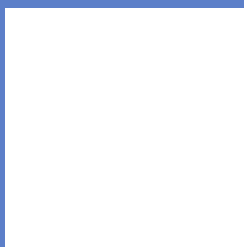
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5456, 21.6711, 58.2530

Background



This preview shows how black text looks on a background with the XYZ color 22.5456, 21.6711, 58.2530.

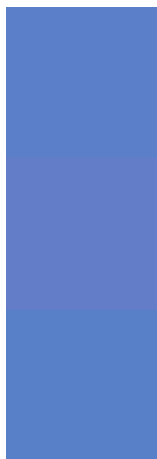


This preview shows how white text looks on a background with the XYZ color 22.5456, 21.6711,

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

22.5456, 21.6711, 58.2530

Protanopia

23.0145, 21.5467, 57.5895

Deuteranopia

22.2863, 21.7301, 58.2781



Tritanopia

17.2609, 21.7634, 31.7248

Trichromacy



Original Color

22.5456, 21.6711, 58.2530

Protanomaly

22.8159, 21.6332, 57.6167

Deuteranomaly

22.3816, 21.7792, 58.2825

Tritanomaly

18.9012, 21.5828, 40.2155

Monochromacy



Original Color

22.5456, 21.6711, 58.2530

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.0207, 20.7323, 33.0835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5456, 21.6711, 58.2530 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(92, 127, 201)` looks like.

```
.text, #text, p{  
    color:rgb(92, 127, 201)  
}
```

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(92, 127, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 127, 201) }
```

Border

The CSS property to change the border of an element to XYZ 22.5456, 21.6711, 58.2530 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(92, 127, 201) }
```


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

```
.border{ border-color:rgb(92, 127, 201) }
```

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

Here you see how a box with a 4 pixel rgb(92, 127, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 127, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 127, 201);  
box-shadow:4px 4px 4px 4px rgb(92, 127,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5456, 21.6711, 58.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 127, 201) }
```

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

```
.background{ background-color: rgb(92, 127,  
201) }
```

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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