

Converting Colors

XYZ(22.3069, 22.3707, 58.4013)

Have a look what the booklet for
XYZ(22.3069, 22.3707, 58.4013)
contains.

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Color

**XYZ(22.3151, 22.3345,
58.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	5483C9
RGB	84, 131, 201
RGB Percent	33%, 51%, 79%
CMY	0.6706, 0.4863, 0.2118
CMYK	0.58, 0.35, 0.00, 0.21
HSL	216°, 52%, 56%
HSV	216°, 58%, 79%
XYZ	22.3151, 22.3345, 58.3932
YIQ	124.9270, -50.4820, 11.8060

Conversions

Conversions Part 2

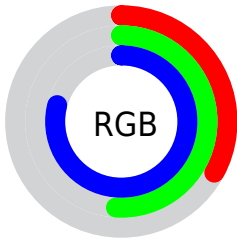
Format	Color
R _Y B	84, 118, 201
Decimal	5538761
CIE Lab	54.38, 5.09, -41.15
CIE LCh	54, 41.460, 277.054
Yxy	22.3345, 0.2166, 0.2167
Android (android.graphics.Color)	4283728841 (0xFF5483C9)
YUV	124.9270, 37.5040, -35.8930
Hunter-Lab	47.2594, 1.5808, -40.1765

Details

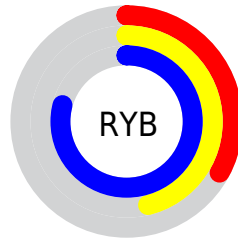
The XYZ color **22.3151, 22.3345, 58.3932** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **37.2445, 36.1706, 13.4074**, and the grayscale version is **19.3594, 20.3676, 22.1803**.

A 20% lighter version of the original color is **46.3458, 47.2518, 101.2856**, and **8.3714, 8.1863, 28.7427** is the 20% darker color. If you saturate the color by 10%, you get **19.2449, 18.4918, 57.8138**, and if you desaturate by 10%, it is **26.0906, 26.8198, 59.0604**.

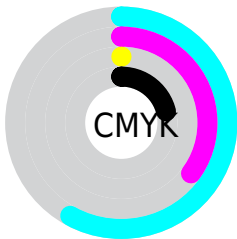
Distribution



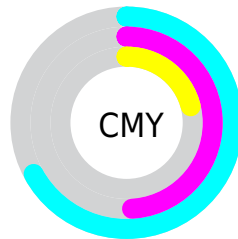
- Red (33%)
- Green (51%)
- Blue (79%)



- Red (33%)
- Yellow (46%)
- Blue (79%)



- Cyan (58%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (67%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3151, 22.3345, 58.3932 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 22.3151, 22.3345, 58.3932 by changing the saturation by 10% instead.

■ 22.3151, 22.3345,
58.3932

■ 22.3151, 22.3345,
58.3932

256.7890,
264.2882, 436.2886

■ 14.2065, 14.1029,
41.7080

■ 46.7412, 47.2982,
104.0157

■ 8.3471, 8.1923,
28.5489

■ 63.7895, 64.7991,
133.7900

■ 4.3715, 4.2182,
18.4972

■ 84.5483, 86.1586,
168.7646

■ 1.9144, 1.7964,
11.1344

■ 109.3831,
111.7610, 209.3578

■ 0.5852, 0.4849,
6.0420

138.6592,
141.9908, 255.9883

■ 0.0000, 0.0000,
2.8014

172.7420,

■ 0.0000, 0.0000,

177.2323, 309.0746

0.9942

211.9968,
217.8700, 369.0352

■ 0.0000, 0.0000,
0.0000

■ 22.3151, 22.3345,
58.3932

■ 22.3151, 22.3345,
58.3932

■ 19.2449, 18.4918,
57.8138

■ 26.0906, 26.8198,
59.0604

■ 16.8255, 15.2532,
57.3162

■ 30.6150, 31.9782,
59.8176

■ 14.9978, 12.5784,
56.8962

■ 35.9312, 37.8407,
60.6690

■ 13.6733, 10.4112,
56.5477

■ 42.0779, 44.4356,
61.6180

■ 13.4659, 10.0634,
56.4915

■ 49.0910, 51.7893,
62.6678

■ 57.0044, 59.9269,
63.8214

■ 65.8500, 68.8722,
65.0818

■ 75.6581, 78.6480,
66.4518

■ 82.7184, 87.3485,
67.7590

Harmonies

Analogous

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



18.0125, 22.3345, 55.2526



22.3151, 22.3345, 58.3932



26.9166, 22.3345, 50.1295

Triad

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



22.3151, 22.3345, 58.3932



28.9597, 22.3345, 12.1786



14.1797, 22.3345, 15.8373

Complementary

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



22.3151, 22.3345, 58.3932



37.2445, 36.1706, 13.4074

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.



16.4038, 22.3345, 9.3565



22.3151, 22.3345, 58.3932



24.8056, 22.3345, 7.8289

Square

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



22.3151, 22.3345, 58.3932



31.0907, 22.3345, 21.3842



20.1773, 22.3345, 7.0205



13.7090, 22.3345, 27.5096

Rectangle

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



22.3151, 22.3345, 58.3932



29.4020, 22.3345, 40.5502



20.1773, 22.3345, 7.0205



14.7299, 22.3345, 13.1249

Sweetspot

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



22.3159, 22.3353, 58.3938



73.1374, 77.2388, 105.6616



30.2318, 45.9340, 37.0873



15.1640, 16.0122, 22.5414



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.



22.3159, 22.3353, 58.3938



31.6920, 30.0203, 98.7319



18.3046, 12.9254, 56.7889



10.4005, 10.9751, 13.4877



8.5512, 6.4963, 35.5476



0.4755, 0.4489, 1.7067

Inverse Universe

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



31.3552, 20.3979, 23.7580



49.2203, 28.6426, 31.0352



44.0364, 53.5228, 16.3987



10.8074, 10.7064, 11.9693



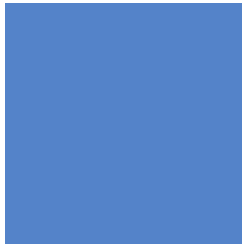
16.1156, 8.1958, 5.8185



0.7987, 0.4023, 0.4632

Previews

White Background



This preview shows how the XYZ color 22.3151, 22.3345, 58.3932 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 22.3151, 22.3345, 58.3932 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 22.3151, 22.3345, 58.3932

Background



This preview shows how black text looks on a background with the XYZ color 22.3151, 22.3345, 58.3932.

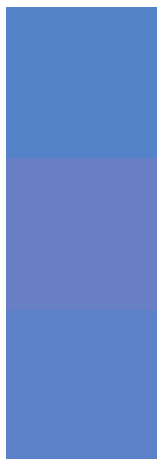


This preview shows how white text looks on a background with the XYZ color 22.3151, 22.3345,

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

22.3151, 22.3345, 58.3932

Protanopia

23.4913, 22.1990, 56.4728

Deuteranopia

22.8065, 22.1929, 58.3400



Tritanopia

17.3067, 22.4067, 33.1185

Trichromacy



Original Color

22.3151, 22.3345, 58.3932

Protanomaly

22.9577, 22.1033, 57.0892

Deuteranomaly

22.6451, 22.3062, 58.3703

Tritanomaly

18.7999, 22.1332, 41.3115

Monochromacy



Original Color

22.3151, 22.3345, 58.3932

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7695, 20.7936, 33.1086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3151, 22.3345, 58.3932 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(84, 131, 201)` looks like.

```
.text, #text, p{  
    color:rgb(84, 131, 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(84, 131, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 131, 201) }
```

Border

The CSS property to change the border of an element to XYZ 22.3151, 22.3345, 58.3932 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(84, 131, 201) }
```


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

```
.border{ border-color:rgb(84, 131, 201) }
```

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

Here you see how a box with a 4 pixel rgb(84, 131, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 131, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 131, 201);  
box-shadow:4px 4px 4px 4px rgb(84, 131,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3151, 22.3345, 58.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 131, 201) }
```

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

```
.background{ background-color: rgb(84, 131,  
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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