

Converting Colors

XYZ(23.4057, 21.3929, 65.1830)

Have a look what the booklet for
XYZ(23.4057, 21.3929, 65.1830)
contains.

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Color

**XYZ(23.4057, 21.3929,
65.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	5B7CD4
RGB	91, 124, 212
RGB Percent	36%, 49%, 83%
CMY	0.6431, 0.5137, 0.1686
CMYK	0.57, 0.42, 0.00, 0.17
HSL	224°, 58%, 59%
HSV	224°, 57%, 83%
XYZ	23.4057, 21.3929, 65.1830
YIQ	124.1650, -47.9160, 20.3720

Conversions

Conversions Part 2

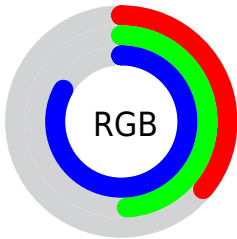
Format	Color
R_{YB}	91, 117, 212
Decimal	5995732
CIE _{Lab}	53.38, 14.36, -48.94
CIE _{LCh}	53, 51.008, 286.352
Yxy	21.3929, 0.2128, 0.1945
Android (android.graphics.Color)	4284185812 (0xFF5B7CD4)
YUV	124.1650, 43.3027, -29.0857
Hunter-Lab	46.2525, 9.3867, -51.1799

Details

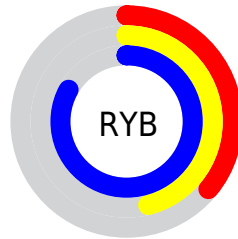
The XYZ color **23.4057, 21.3929, 65.1830** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **45.1614, 46.9950, 16.5896**, and the grayscale version is **19.0856, 20.0796, 21.8666**.

A 20% lighter version of the original color is **45.9698, 44.6602, 100.8052**, and **8.9587, 7.7519, 32.9224** is the 20% darker color. If you saturate the color by 10%, you get **19.8198, 16.8968, 64.5046**, and if you desaturate by 10%, it is **27.8857, 26.7989, 65.9908**.

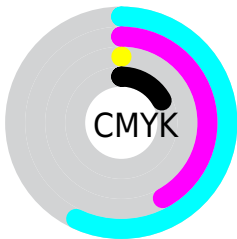
Distribution



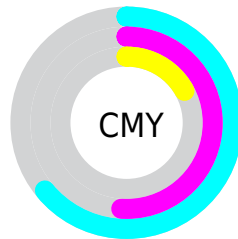
- Red (36%)
- Green (49%)
- Blue (83%)



- Red (36%)
- Yellow (46%)
- Blue (83%)



- Cyan (57%)
- Magenta (42%)
- Yellow (0%)
- Black (17%)



- Cyan (64%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4057, 21.3929, 65.1830 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 23.4057, 21.3929, 65.1830 by changing the saturation by 10% instead.

■ 23.4057, 21.3929,
65.1830

■ 23.4057, 21.3929,
65.1830

262.2986,
259.3592, 461.7735

■ 15.0157, 13.4115,
47.1572

■ 48.5204, 45.7405,
113.9287

■ 8.9168, 7.7125,
32.8047

■ 65.9758, 62.8755,
145.4857

■ 4.7436, 3.9115,
21.7070

■ 87.1837, 83.8305,
182.3902

■ 2.1308, 1.6242,
13.4455

■ 112.5095,
108.9899, 225.0606

■ 0.7059, 0.3738,
7.6017

142.3186,
138.7381, 273.9157

■ 0.0000, 0.0000,
3.7571

176.9762,

■ 0.0000, 0.0000,

173.4594, 329.3738

1.4930

216.8477,
213.5383, 391.8536

■ 0.0000, 0.0000,
0.2127

■ 0.0000, 0.0000,
0.0000

■ 23.4057, 21.3929,
65.1830

■ 23.4057, 21.3929,
65.1830

■ 19.8198, 16.8968,
64.5046

■ 27.8857, 26.7989,
65.9908

■ 17.0602, 13.2542,
63.9470

■ 33.3155, 33.1623,
66.9329

■ 15.0529, 10.4047,
63.5028

■ 39.7490, 40.5294,
68.0158

■ 13.7019, 8.2744,
63.1628

■ 47.2353, 48.9427,
69.2451

■ 13.3874, 7.7608,
63.0802

■ 55.8203, 58.4425,
70.6263

■ 65.5468, 69.0664,
72.1643

■ 76.4555, 80.8506,
73.8639

■ 86.4922, 92.7504,
75.6318

■ 88.8838, 97.5335,
76.4290

Harmonies

Analogous

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



17.9757, 21.3929, 65.9086



23.4057, 21.3929, 65.1830



28.8299, 21.3929, 50.5092

Triad

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



23.4057, 21.3929, 65.1830



28.3938, 21.3929, 7.6998



11.8055, 21.3929, 16.9458

Complementary

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



23.4057, 21.3929, 65.1830



45.1614, 46.9950, 16.5896

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.



13.6953, 21.3929, 8.1851



23.4057, 21.3929, 65.1830



22.8885, 21.3929, 4.6778

Square

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



23.4057, 21.3929, 65.1830



32.0407, 21.3929, 15.8705



17.5423, 21.3929, 4.8038



11.8942, 21.3929, 32.7306

Rectangle

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



23.4057, 21.3929, 65.1830



31.4314, 21.3929, 37.4071



17.5423, 21.3929, 4.8038



12.2137, 21.3929, 13.2684

Sweetspot

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



23.4066, 21.3936, 65.1835



71.6144, 74.1928, 105.1539



35.8663, 52.5148, 50.2177



14.8067, 15.2976, 22.4223



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.



23.4066, 21.3936, 65.1835



29.3303, 24.6665, 97.8230



22.9913, 16.0340, 64.1709



12.0154, 12.5543, 15.7275



8.3366, 4.9350, 38.9663



0.5718, 0.4356, 2.3733

Inverse Universe

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



34.5314, 22.9356, 21.6763



48.1821, 28.8164, 23.7519



45.6298, 58.2550, 18.7383



12.5610, 12.4759, 13.6284



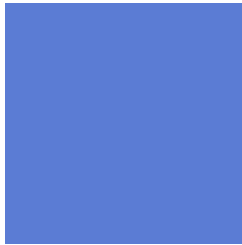
17.2668, 8.8430, 3.4431



1.0763, 0.5473, 0.3910

Previews

White Background



This preview shows how the XYZ color 23.4057, 21.3929, 65.1830 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 23.4057, 21.3929, 65.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

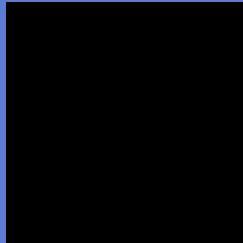
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4057, 21.3929, 65.1830

Background



This preview shows how black text looks on a background with the XYZ color 23.4057, 21.3929, 65.1830.



This preview shows how white text looks on a background with the XYZ color 23.4057, 21.3929,

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

23.4057, 21.3929, 65.1830

Protanopia

23.3078, 21.3424, 65.1784

Deuteranopia

22.0756, 21.4811, 64.6108



Tritanopia

16.7601, 21.5051, 31.7013

Trichromacy



Original Color

23.4057, 21.3929, 65.1830

Protanomaly

23.3078, 21.3424, 65.1784

Deuteranomaly

22.4891, 21.5016, 64.5929

Tritanomaly

18.7356, 21.2495, 42.1438

Monochromacy



Original Color

23.4057, 21.3929, 65.1830

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.8905, 20.2603, 34.3148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4057, 21.3929, 65.1830 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(91, 124, 212)` looks like.

```
.text, #text, p{  
    color:rgb(91, 124, 212)  
}
```

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(91, 124, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 124, 212) }
```

Border

The CSS property to change the border of an element to XYZ 23.4057, 21.3929, 65.1830 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(91, 124, 212) }
```


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

```
.border{ border-color:rgb(91, 124, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 124, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 124, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 124, 212);  
box-shadow:4px 4px 4px 4px rgb(91, 124,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4057, 21.3929, 65.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 124, 212) }
```

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

```
.background{ background-color: rgb(91, 124,  
212) }
```

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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