

Converting Colors

XYZ(22.3334, 22.1142, 60.2181)

Have a look what the booklet for
XYZ(22.3334, 22.1142, 60.2181)
contains.

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Color

**XYZ(22.3614, 22.1187,
60.2175)**

Conversions

Conversions Part 1

Format	Color
Hex	5282CC
RGB	82, 130, 204
RGB Percent	32%, 51%, 80%
CMY	0.6784, 0.4902, 0.2000
CMYK	0.60, 0.36, 0.00, 0.20
HSL	216°, 54%, 56%
HSV	216°, 60%, 80%
XYZ	22.3614, 22.1187, 60.2175
YIQ	124.0840, -52.3620, 12.8380

Conversions

Conversions Part 2

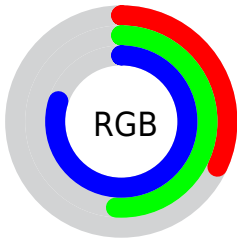
Format	Color
R _Y B	82, 116, 204
Decimal	5407436
CIE Lab	54.15, 6.28, -43.21
CIE LCh	54, 43.668, 278.275
Yxy	22.1187, 0.2136, 0.2113
Android (android.graphics.Color)	4283597516 (0xFF5282CC)
YUV	124.0840, 39.3986, -36.9077
Hunter-Lab	47.0305, 2.5672, -42.9931

Details

The XYZ color **22.3614, 22.1187, 60.2175** 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 **38.3148, 37.2257, 13.1499**, and the grayscale version is **19.0724, 20.0657, 21.8515**.

A 20% lighter version of the original color is **45.7987, 46.6624, 101.2006**, and **8.3672, 8.0548, 29.5475** is the 20% darker color. If you saturate the color by 10%, you get **19.2958, 18.2403, 59.6309**, and if you desaturate by 10%, it is **26.1539, 26.6663, 60.8958**.

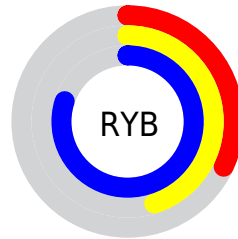
Distribution



Red (32%)

Green (51%)

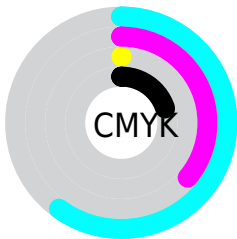
Blue (80%)



Red (32%)

Yellow (45%)

Blue (80%)

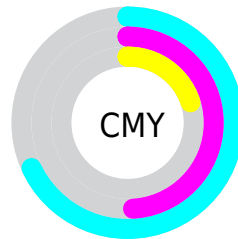


Cyan (60%)

Magenta (36%)

Yellow (0%)

Black (20%)



Cyan (68%)

Magenta (49%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3614, 22.1187, 60.2175 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 22.3614, 22.1187, 60.2175 by changing the saturation by 10% instead.

■ 22.3614, 22.1187,
60.2175

■ 22.3614, 22.1187,
60.2175

257.0249,
263.1655, 443.2259

■ 14.2408, 13.9441,
43.1675

■ 46.8170, 46.9421,
106.6916

■ 8.3711, 8.0818,
29.6842

■ 63.8827, 64.3597,
136.9528

■ 4.3871, 4.1474,
19.3490

■ 84.6608, 85.6272,
172.4547

■ 1.9234, 1.7563,
11.7434

■ 109.5167,
111.1289, 213.6161

■ 0.5904, 0.4597,
6.4488

138.8157,
141.2491, 260.8554

■ 0.0000, 0.0000,
3.0467

172.9231,

■ 0.0000, 0.0000,

176.3724, 314.5910

1.1185

212.2044,
216.8831, 375.2417

■ 0.0000, 0.0000,
0.0000

■ 22.3614, 22.1187,
60.2175

■ 22.3614, 22.1187,
60.2175

■ 19.2958, 18.2403,
59.6309

■ 26.1539, 26.6663,
60.8958

■ 16.8992, 14.9901,
59.1299

■ 30.7197, 31.9160,
61.6685

■ 15.1080, 12.3244,
58.7098

■ 36.1042, 37.9008,
62.5399

■ 13.8100, 10.1737,
58.3631

■ 42.3483, 44.6509,
63.5137

■ 13.7867, 10.1348,
58.3568

■ 49.4898, 52.1944,
64.5933

■ 57.5645, 60.5580,
65.7821

■ 66.6059, 69.7671,
67.0831

■ 76.6459, 79.8458,
68.4993

■ 83.7042, 88.7497,
69.8459

Harmonies

Analogous

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



17.8287, 22.1187, 57.3512



22.3614, 22.1187, 60.2175



27.1847, 22.1187, 50.9138

Triad

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



22.3614, 22.1187, 60.2175



29.0147, 22.1187, 11.2698



13.6464, 22.1187, 15.6609

Complementary

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



22.3614, 22.1187, 60.2175



38.3148, 37.2257, 13.1499

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.



15.8710, 22.1187, 8.8613



22.3614, 22.1187, 60.2175



24.5780, 22.1187, 7.0701

Square

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



22.3614, 22.1187, 60.2175



31.3858, 22.1187, 20.5211



19.7394, 22.1187, 6.3943



13.2366, 22.1187, 28.0360

Rectangle

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



22.3614, 22.1187, 60.2175



29.7609, 22.1187, 40.5691



19.7394, 22.1187, 6.3943



14.1887, 22.1187, 12.8061

Sweetspot

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



22.3623, 22.1194, 60.2181



71.8851, 75.8145, 105.4527



31.0068, 47.3536, 38.6058



14.6868, 15.4803, 22.4639



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.



22.3623, 22.1194, 60.2181



30.5955, 28.4099, 98.4788



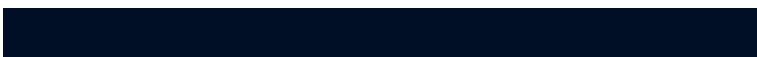
18.5542, 12.7859, 58.6172



10.9578, 11.5560, 14.2234



8.7623, 6.5487, 36.7585



0.5254, 0.4846, 1.9208

Inverse Universe

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



31.9492, 20.4848, 23.3896



48.5247, 27.8199, 29.0504



44.8042, 54.9759, 16.2340



11.3920, 11.2856, 12.5991



16.6337, 8.4641, 5.7899



0.8951, 0.4515, 0.4937

Previews

White Background



This preview shows how the XYZ color 22.3614, 22.1187, 60.2175 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 22.3614, 22.1187, 60.2175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

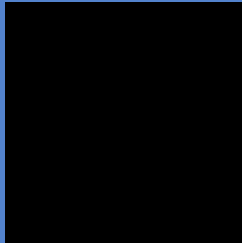
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.3614, 22.1187, 60.2175

Background



This preview shows how black text looks on a background with the XYZ color 22.3614, 22.1187, 60.2175.

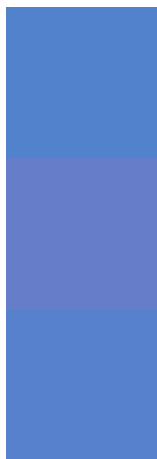


This preview shows how white text looks on a background with the XYZ color 22.3614, 22.1187,

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

22.3614, 22.1187, 60.2175

Protanopia

23.4830, 21.9635, 58.2600

Deuteranopia

22.6798, 22.0864, 60.1945



Tritanopia

16.9960, 22.2466, 33.1040

Trichromacy



Original Color

22.3614, 22.1187, 60.2175

Protanomaly

22.9694, 21.8759, 58.8890

Deuteranomaly

22.4957, 21.9914, 60.1859

Tritanomaly

18.6111, 22.0249, 41.7984

Monochromacy



Original Color

22.3614, 22.1187, 60.2175

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5173, 20.4728, 33.0600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3614, 22.1187, 60.2175 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(82, 130, 204)` looks like.

```
.text, #text, p{  
    color:rgb(82, 130, 204)  
}
```

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(82, 130, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 130, 204) }
```

Border

The CSS property to change the border of an element to XYZ 22.3614, 22.1187, 60.2175 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(82, 130, 204) }
```


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

```
.border{ border-color:rgb(82, 130, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 130, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 130, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 130, 204);  
box-shadow:4px 4px 4px 4px rgb(82, 130,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3614, 22.1187, 60.2175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 130, 204) }
```

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

```
.background{ background-color: rgb(82, 130,  
204) }
```

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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