

Converting Colors

XYZ(30.6132, 33.4782, 65.2355)

Have a look what the booklet for
XYZ(30.6132, 33.4782, 65.2355)
contains.

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Color

**XYZ(30.5602, 33.3444,
65.1470)**

Conversions

Conversions Part 1

Format	Color
Hex	6DA1D1
RGB	109, 161, 209
RGB Percent	43%, 63%, 82%
CMY	0.5725, 0.3686, 0.1804
CMYK	0.48, 0.23, 0.00, 0.18
HSL	209°, 52%, 62%
HSV	209°, 48%, 82%
XYZ	30.5602, 33.3444, 65.1470
YIQ	150.9240, -46.4000, 3.9040

Conversions

Conversions Part 2

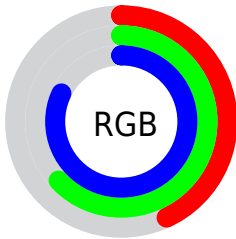
Format	Color
RYB	109, 143, 209
Decimal	7184849
CIELab	64.44, -4.18, -29.84
CIELCh	64, 30.133, 262.025
Yxy	33.3444, 0.2368, 0.2584
Android (android.graphics.Color)	4285374929 (0xFF6DA1D1)
YUV	150.9240, 28.6315, -36.7673
Hunter-Lab	57.7446, -6.5855, -26.4693

Details

The XYZ color **30.5602, 33.3444, 65.1470** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.1129, 38.7747, 19.7868**, and the grayscale version is **29.2796, 30.8044, 33.5460**.

A 20% lighter version of the original color is **58.1229, 64.3311, 103.9615**, and **12.8248, 14.2150, 32.6397** is the 20% darker color. If you saturate the color by 10%, you get **26.6050, 28.8070, 64.4803**, and if you desaturate by 10%, it is **35.2695, 38.4807, 65.8908**.

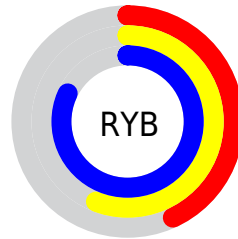
Distribution



Red (43%)

Green (63%)

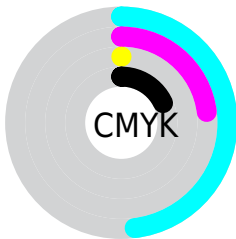
Blue (82%)



Red (43%)

Yellow (56%)

Blue (82%)

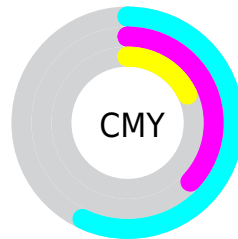


Cyan (48%)

Magenta (23%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (37%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5602, 33.3444, 65.1470 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 30.5602, 33.3444, 65.1470 by changing the saturation by 10% instead.

■ 30.5602, 33.3444,
65.1470

■ 30.5602, 33.3444,
65.1470

■ 296.3702,
317.1988, 461.6407

■ 20.4144, 22.3904,
47.1282

■ 59.9275, 64.9129,
113.8765

■ 12.8066, 14.1440,
32.7819

■ 79.8798, 86.2961,
145.4242

■ 7.3716, 8.2209,
21.6897

■ 103.8315,
111.9246, 182.3187

■ 3.7439, 4.2366,
13.4329

■ 132.1481,
142.1826, 224.9784

■ 1.5583, 1.8068,
7.5931

■ 165.1949,
177.4547, 273.8219

■ 0.3650, 0.4914,
3.7517

■ 203.3373,

■ 0.0000, 0.0000,

218.1251, 329.2678

1.4901

246.9406,
264.5784, 391.7345

■ 0.0000, 0.0000,
0.2106

■ 0.0000, 0.0000,
0.0000

■ 30.5602, 33.3444,
65.1470

■ 30.5602, 33.3444,
65.1470

■ 26.6050, 28.8070,
64.4803

■ 35.2695, 38.4807,
65.8908

■ 23.3533, 24.8356,
63.8851

■ 40.7725, 44.2391,
66.7123

■ 20.7529, 21.3988,
63.3588

■ 47.1097, 50.6456,
67.6148

■ 18.7418, 18.4595,
62.8974

■ 54.3177, 57.7235,
68.6011

■ 17.2323, 15.9670,
62.4959

■ 62.4309, 65.4949,
69.6735

■ 16.9433, 15.4726,
62.4157

■ 71.4817, 73.9807,
70.8344

■ 81.3883, 83.1426,
72.0807

■ 84.2809, 88.9278,
73.0449

■ 87.3371, 95.0401,
74.0636

Harmonies

Analogous

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



26.8755, 33.3444, 58.3385



30.5602, 33.3444, 65.1470



34.8937, 33.3444, 62.9596

Triad

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



30.5602, 33.3444, 65.1470



39.9867, 33.3444, 28.1352



25.6152, 33.3444, 23.6049

Complementary

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



30.5602, 33.3444, 65.1470



41.1129, 38.7747, 19.7868

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.



28.6940, 33.3444, 18.4904



30.5602, 33.3444, 65.1470



37.0540, 33.3444, 20.6643

Square

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



30.5602, 33.3444, 65.1470



40.6006, 33.3444, 39.6896



32.8531, 33.3444, 17.5513



24.1937, 33.3444, 33.1211

Rectangle

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



30.5602, 33.3444, 65.1470



37.5528, 33.3444, 56.8760



32.8531, 33.3444, 17.5513



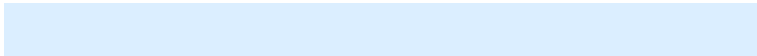
26.4766, 33.3444, 21.4115

Sweetspot

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



30.5613, 33.3456, 65.1478



77.8887, 83.3965, 106.5997



35.0808, 51.2420, 39.3478



16.1590, 17.3438, 22.7460



0.0000, 0.0000, 0.0000



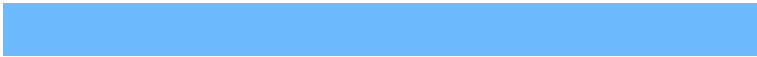
20.3446, 21.4041, 23.3091

Same Dimension

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



30.5613, 33.3456, 65.1478



41.8344, 45.3075, 101.1481



23.6476, 19.5181, 62.8432



11.6649, 12.4201, 15.0262



10.5460, 9.7385, 38.5164



0.6689, 0.7030, 2.1800

Inverse Universe

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



38.1972, 27.0671, 36.9306



55.5597, 35.8491, 50.0184



51.0467, 58.6425, 23.0981



12.0618, 11.9094, 13.6011



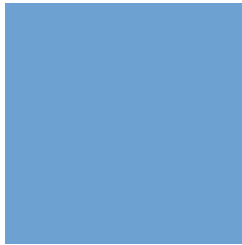
17.9538, 9.0544, 9.9290



1.0439, 0.5223, 0.7658

Previews

White Background



This preview shows how the XYZ color 30.5602, 33.3444, 65.1470 looks on a white background.

Color Contrast Check

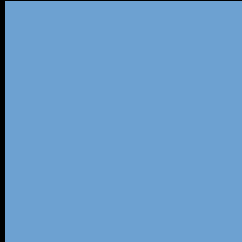
Large Text (above 18pt) WCAG AA × Fail

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 30.5602, 33.3444, 65.1470 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 ✓ Pass

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

XYZ 30.5602, 33.3444, 65.1470

Background



This preview shows how black text looks on a background with the XYZ color 30.5602, 33.3444, 65.1470.

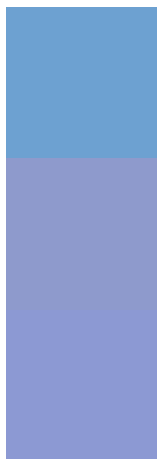


This preview shows how white text looks on a background with the XYZ color 30.5602, 33.3444,

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

30.5602, 33.3444, 65.1470

Protanopia

33.6100, 33.2216, 61.7677

Deuteranopia

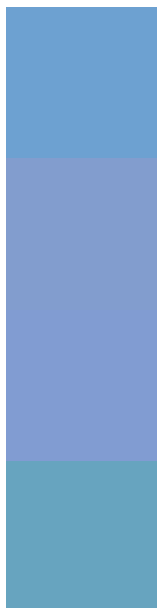
33.9643, 33.0611, 66.2193



Tritanopia

27.1300, 33.2770, 48.1732

Trichromacy



Original Color

30.5602, 33.3444, 65.1470

Protanomaly

32.4035, 33.3160, 63.1153

Deuteranomaly

32.5746, 33.0972, 65.6443

Tritanomaly

28.2729, 33.1961, 54.2076

Monochromacy



Original Color

30.5602, 33.3444, 65.1470

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3211, 31.6555, 43.5945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5602, 33.3444, 65.1470 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(109, 161, 209)` looks like.

```
.text, #text, p{  
    color:rgb(109, 161, 209)  
}
```

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(109, 161, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 161, 209) }
```

Border

The CSS property to change the border of an element to XYZ 30.5602, 33.3444, 65.1470 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(109, 161, 209) }
```


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

```
.border{ border-color:rgb(109, 161, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 161, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 161, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 161, 209);  
box-shadow:4px 4px 4px 4px rgb(109, 161,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5602, 33.3444, 65.1470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 161, 209) }
```

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

```
.background{ background-color: rgb(109,  
161, 209) }
```

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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