

Converting Colors

$Y_{xy}(30.5106, 0.2278, 0.2315)$

Have a look what the booklet for
Yxy(30.5106, 0.2278, 0.2315)
contains.

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Color

Yxy(30.4358, 0.2279, 0.2310)

Conversions

Conversions Part 1

Format	Color
Hex	6C97DB
RGB	108, 151, 219
RGB Percent	42%, 59%, 86%
CMY	0.5768, 0.4078, 0.1413
CMYK	0.51, 0.31, 0.00, 0.14
HSL	217°, 61%, 64%
HSV	217°, 51%, 86%
XYZ	30.0274, 30.4358, 71.2936
YIQ	145.8950, -47.4560, 12.0320

Conversions

Conversions Part 2

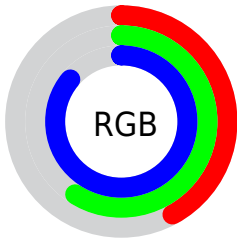
Format	Color
R _Y B	108, 139, 219
Decimal	7116763
CIE Lab	62.03, 4.21, -39.14
CIE LCh	62, 39.364, 276.134
Yxy	30.4358, 0.2279, 0.2310
Android (android.graphics.Color)	4285306843 (0xFF6C97DB)
YUV	145.8950, 36.0408, -33.2339
Hunter-Lab	55.1687, 0.6094, -38.0015

Details

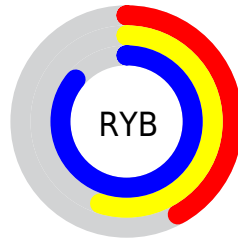
The Yxy color **30.4358, 0.2279, 0.2310** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **47.1413, 0.4111, 0.4088**, and the grayscale version is **28.5581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8820, 0.2549, 0.2709**, and **12.6161, 0.2025, 0.2032** is the 20% darker color. If you saturate the color by 10%, you get **25.1617, 0.2115, 0.2074**, and if you desaturate by 10%, it is **36.5471, 0.2451, 0.2537**.

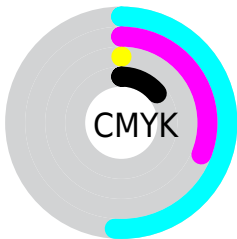
Distribution



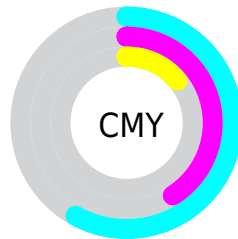
- Red (42%)
- Green (59%)
- Blue (86%)



- Red (42%)
- Yellow (55%)
- Blue (86%)



- Cyan (51%)
- Magenta (31%)
- Yellow (0%)
- Black (14%)



- Cyan (58%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4358, 0.2279, 0.2310 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 Yxy color 30.4358, 0.2279, 0.2310 by changing the saturation by 10% instead.

■ 30.4358, 0.2279,
0.2310

■ 30.4358, 0.2279,
0.2310

■ 303.9306, 0.2717,
0.2809

■ 20.1696, 0.2168,
0.2186

■ 60.3507, 0.2440,
0.2492

■ 12.5184, 0.2026,
0.2028

■ 80.7682, 0.2500,
0.2560

■ 7.0978, 0.1840,
0.1822

■ 105.3382, 0.2550,
0.2618

■ 3.5233, 0.1588,
0.1548

■ 134.4452, 0.2594,
0.2667

■ 1.4107, 0.1238,
0.1175

■ 168.4735, 0.2631,
0.2710

■ 0.2246, 0.0602,
0.0427

■ 207.8076, 0.2663,

■ 0.0000, 0.0000,

0.2747

0.0000

252.8318, 0.2692,
0.2780

■ 30.4358, 0.2279,
0.2310

■ 30.4358, 0.2279,
0.2310

■ 25.1617, 0.2115,
0.2074

■ 36.5471, 0.2451,
0.2537

■ 20.6787, 0.1966,
0.1836

■ 43.5313, 0.2626,
0.2750

■ 16.9406, 0.1838,
0.1604


■ 51.4261, 0.2797,
0.2945


■ 13.8933, 0.1738,
0.1389


■ 60.2654, 0.2961,
0.3122

■ 11.6072, 0.1669,
0.1209

■ 70.0816, 0.3116,
0.3279

 80.9053, 0.3262,
0.3419

 91.5689, 0.3353,
0.3545

 97.8933, 0.3340,
0.3641

Harmonies

Analogous

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



30.4358, 0.2034, 0.2476



30.4358, 0.2279, 0.2310



30.4358, 0.2752, 0.2370

Triad

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



30.4358, 0.2279, 0.2310



30.4358, 0.4353, 0.3493



30.4358, 0.2793, 0.4127

Complementary

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



30.4358, 0.2279, 0.2310



47.1413, 0.4111, 0.4088

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.



30.4358, 0.3406, 0.4441



30.4358, 0.2279, 0.2310



30.4358, 0.4334, 0.3969

Square

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



30.4358, 0.2279, 0.2310



30.4358, 0.3992, 0.3019



30.4358, 0.3973, 0.4341



30.4358, 0.2301, 0.3509

Rectangle

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



30.4358, 0.2279, 0.2310



30.4358, 0.3163, 0.2520



30.4358, 0.3973, 0.4341



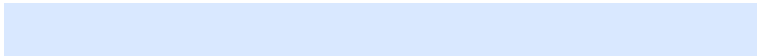
30.4358, 0.2992, 0.4278

Sweetspot

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



30.4369, 0.2279, 0.2310



79.4183, 0.2889, 0.3046



56.9123, 0.2696, 0.3915



16.4338, 0.2854, 0.3008



0.0000, 0.0000, 0.0000



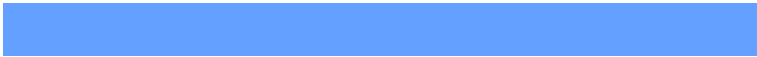
21.4041, 0.3127, 0.3290

Same Dimension

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



30.4369, 0.2279, 0.2310



34.9758, 0.2102, 0.2055



19.7466, 0.2240, 0.1718



13.4417, 0.2981, 0.3143



7.0818, 0.1677, 0.1236



0.6230, 0.1768, 0.1563

Inverse Universe

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



28.0008, 0.3986, 0.2780



32.8008, 0.4281, 0.2697



65.1236, 0.3776, 0.4554



13.1348, 0.3231, 0.3200



9.3387, 0.5415, 0.2757



0.6216, 0.4977, 0.2516

Previews

White Background



This preview shows how the Yxy color 30.4358, 0.2279, 0.2310 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 Yxy color 30.4358, 0.2279, 0.2310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

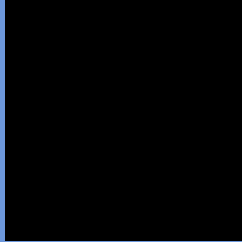
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

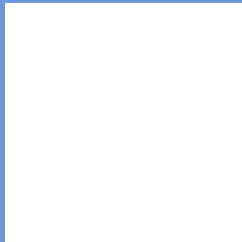
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4358, 0.2279, 0.2310

Background



This preview shows how black text looks on a background with the Yxy color 30.4358, 0.2279, 0.2310.

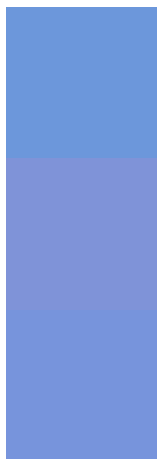


This preview shows how white text looks on a background with the Yxy color 30.4358, 0.2279, 0.2310.

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

30.4358, 0.2279, 0.2310

Protanopia

30.3373, 0.2409, 0.2315

Deuteranopia

30.2691, 0.2334, 0.2271



Tritanopia

30.4859, 0.2482, 0.3072

Trichromacy



Original Color

30.4358, 0.2279, 0.2310

Protanomaly

30.1826, 0.2358, 0.2306

Deuteranomaly

30.3070, 0.2311, 0.2279

Tritanomaly

30.4283, 0.2399, 0.2766

Monochromacy



Original Color

30.4358, 0.2279, 0.2310

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.1025, 0.2753, 0.2897

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4358, 0.2279, 0.2310 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(108, 151, 219)` looks like.

```
.text, #text, p{  
    color:rgb(108, 151, 219)  
}
```

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(108, 151, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 151, 219) }
```

Border

The CSS property to change the border of an element to Yxy 30.4358, 0.2279, 0.2310 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(108, 151, 219) }
```

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

```
.border{ border-color:rgb(108, 151, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 151, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 151, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 151, 219);  
box-shadow:4px 4px 4px 4px rgb(108, 151,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4358, 0.2279, 0.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 151, 219) }
```

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

```
.background{ background-color: rgb(108,  
151, 219) }
```

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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