

Converting Colors

$Yxy(30.3812, 0.2084, 0.2428)$

Have a look what the booklet for
Yxy(30.3812, 0.2084, 0.2428)
contains.

Yxy(30.4595, 0.2084, 0.2429)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.4595, 0.2084, 0.2429)

Conversions

Conversions Part 1

Format	Color
Hex	359FD7
RGB	53, 159, 215
RGB Percent	21%, 62%, 84%
CMY	0.7922, 0.3765, 0.1568
CMYK	0.75, 0.26, 0.00, 0.16
HSL	201°, 67%, 53%
HSV	201°, 75%, 84%
XYZ	26.1332, 30.4595, 68.8066
YIQ	133.6900, -81.1520, -5.0560

Conversions

Conversions Part 2

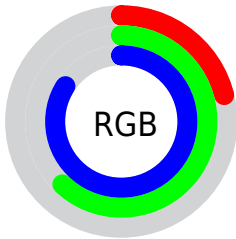
Format	Color
R _Y B	53, 117, 215
Decimal	3514327
CIE Lab	62.05, -11.29, -37.06
CIE LCh	62, 38.742, 253.060
Yxy	30.4595, 0.2084, 0.2429
Android (android.graphics.Color)	4281704407 (0xFF359FD7)
YUV	133.6900, 40.0858, -70.7651
Hunter-Lab	55.1901, -12.0607, -35.2849

Details

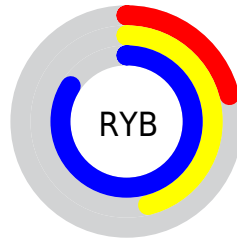
The Yxy color **30.4595, 0.2084, 0.2429** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **25.6458, 0.5149, 0.3868**, and the grayscale version is **23.5924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.3781, 0.2349, 0.2790**, and **13.2632, 0.1946, 0.2204** is the 20% darker color. If you saturate the color by 10%, you get **27.5225, 0.2003, 0.2296**, and if you desaturate by 10%, it is **33.8135, 0.2186, 0.2562**.

Distribution



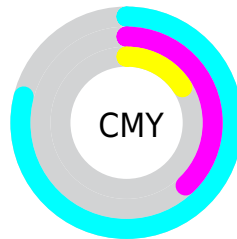
- Red (21%)
- Green (62%)
- Blue (84%)



- Red (21%)
- Yellow (46%)
- Blue (84%)



- Cyan (75%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)



- Cyan (79%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.4595, 0.2084, 0.2429 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 30.4595, 0.2084, 0.2429 by changing the saturation by 10% instead.

■ 30.4595, 0.2084,
0.2429

■ 30.4595, 0.2084,
0.2429

■ 304.0405, 0.2614,
0.2883

■ 20.1876, 0.1953,
0.2312

■ 60.3881, 0.2276,
0.2598

■ 12.5315, 0.1788,
0.2160

■ 80.8136, 0.2349,
0.2660

■ 7.1067, 0.1574,
0.1959

■ 105.3924, 0.2410,
0.2712

■ 3.5289, 0.1292,
0.1683

■ 134.5090, 0.2463,
0.2757

■ 1.4137, 0.0919,
0.1297

■ 168.5477, 0.2508,
0.2795

■ 0.2268, 0.0000,
0.0500

207.8929, 0.2548,

■ 0.0000, 0.0000,

0.2828

0.0000

252.9290, 0.2583,
0.2857

■ 30.4595, 0.2084,
0.2429

■ 30.4595, 0.2084,
0.2429

■ 27.5225, 0.2003,
0.2296

■ 33.8135, 0.2186,
0.2562

■ 24.9587, 0.1942,
0.2165

■ 37.6151, 0.2305,
0.2693

■ 23.8639, 0.1918,
0.2105

■ 41.8945, 0.2439,
0.2819

■ 46.6779, 0.2584,
0.2938

■ 51.9891, 0.2735,
0.3049

■ 57.8503, 0.2890,
0.3151

■ 64.2820, 0.3045,
0.3244

■ 71.3036, 0.3198,
0.3328

■ 78.9335, 0.3346,
0.3402

Harmonies

Analogous

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



30.4595, 0.2031, 0.2781



30.4595, 0.2084, 0.2429



30.4595, 0.2381, 0.2319

Triad

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



30.4595, 0.2084, 0.2429



30.4595, 0.4089, 0.3128



30.4595, 0.3261, 0.4387

Complementary

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



30.4595, 0.2084, 0.2429



25.6458, 0.5149, 0.3868

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.



30.4595, 0.3845, 0.4379



30.4595, 0.2084, 0.2429



30.4595, 0.4363, 0.3603

Square

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



30.4595, 0.2084, 0.2429



30.4595, 0.3527, 0.2712



30.4595, 0.4260, 0.4059



30.4595, 0.2671, 0.3989

Rectangle

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



30.4595, 0.2084, 0.2429



30.4595, 0.2702, 0.2368



30.4595, 0.4260, 0.4059



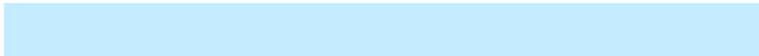
30.4595, 0.3465, 0.4429

Sweetspot

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



30.4605, 0.2084, 0.2429



78.2609, 0.2768, 0.3072



50.4304, 0.2815, 0.4993



16.1078, 0.2712, 0.3033



0.0000, 0.0000, 0.0000



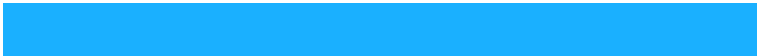
21.4041, 0.3127, 0.3290

Same Dimension

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



30.4605, 0.2084, 0.2429



38.3487, 0.1967, 0.2223



11.3997, 0.1773, 0.1217



13.3514, 0.2982, 0.3207



14.4749, 0.1924, 0.2124



1.0248, 0.1986, 0.2349

Inverse Universe

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



19.4984, 0.3962, 0.2173



25.0978, 0.4200, 0.2134



50.6808, 0.4319, 0.4691



12.5564, 0.3190, 0.3139



9.8061, 0.4314, 0.2150



0.6068, 0.4075, 0.2019

Previews

White Background



This preview shows how the Yxy color 30.4595, 0.2084, 0.2429 looks on a white background.

Color Contrast Check

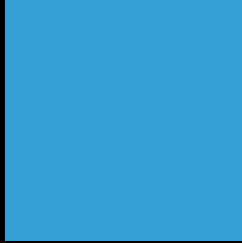
Large Text (above 18pt) WCAG AA × Fail

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 30.4595, 0.2084, 0.2429 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

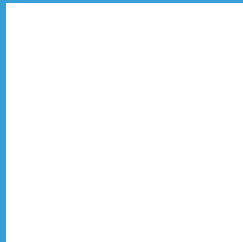
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4595, 0.2084, 0.2429

Background



This preview shows how black text looks on a background with the Yxy color 30.4595, 0.2084, 0.2429.

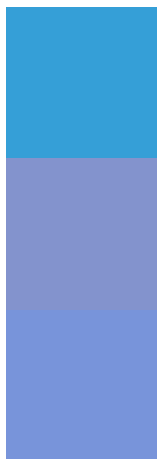


This preview shows how white text looks on a background with the Yxy color 30.4595, 0.2084, 0.2429.

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

30.4595, 0.2084, 0.2429

Protanopia

30.1005, 0.2508, 0.2450

Deuteranopia

30.2348, 0.2352, 0.2295



Tritanopia

30.5271, 0.2184, 0.3062

Trichromacy



Original Color

30.4595, 0.2084, 0.2429

Protanomaly

29.6202, 0.2302, 0.2421

Deuteranomaly

29.9530, 0.2225, 0.2332

Tritanomaly

30.1386, 0.2128, 0.2804

Monochromacy



Original Color

30.4595, 0.2084, 0.2429

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.2925, 0.2591, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4595, 0.2084, 0.2429 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(53, 159, 215)` looks like.

```
.text, #text, p{  
    color:rgb(53, 159, 215)  
}
```

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(53, 159, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 159, 215) }
```

Border

The CSS property to change the border of an element to Yxy 30.4595, 0.2084, 0.2429 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(53, 159, 215) }
```

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

```
.border{ border-color:rgb(53, 159, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 159, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 159, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 159, 215);  
box-shadow:4px 4px 4px 4px rgb(53, 159,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4595, 0.2084, 0.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 159, 215) }
```

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

```
.background{ background-color: rgb(53, 159,  
215) }
```

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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