

Converting Colors

Yxy(39.6141, 0.1967, 0.1628)

Have a look what the booklet for
Yxy(39.6141, 0.1967, 0.1628)
contains.

Yxy(35.1844, 0.2160, 0.2049)	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(35.1844, 0.2160, 0.2049)

Conversions

Conversions Part 1

Format	Color
Hex	719EFF
RGB	113, 158, 255
RGB Percent	44%, 62%, 100%
CMY	0.5567, 0.3804, 0.0000
CMYK	0.56, 0.38, 0.00, 0.00
HSL	221°, 100%, 72%
HSV	221°, 56%, 100%
XYZ	37.0904, 35.1844, 99.4401
YIQ	155.6030, -57.9570, 20.6270

Conversions

Conversions Part 2

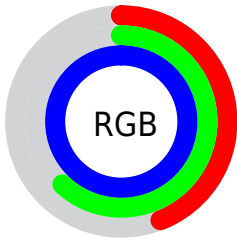
Format	Color
R _Y B	113, 147, 255
Decimal	7446271
CIE Lab	65.89, 12.40, -52.85
CIE LCh	66, 54.284, 283.201
Yxy	35.1844, 0.2160, 0.2049
Android (android.graphics.Color)	4285636351 (0xFF719EFF)
YUV	155.6030, 49.0027, -37.3628
Hunter-Lab	59.3164, 7.8119, -57.8743

Details

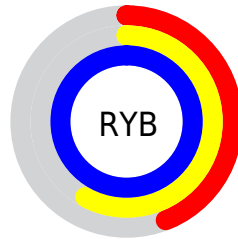
The Yxy color **35.1844, 0.2160, 0.2049** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **68.5716, 0.4174, 0.4254**, and the grayscale version is **32.8623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1912, 0.2606, 0.2800**, and **15.1734, 0.1900, 0.1739** is the 20% darker color. If you saturate the color by 10%, you get **28.1954, 0.1992, 0.1784**, and if you desaturate by 10%, it is **43.4938, 0.2340, 0.2311**.

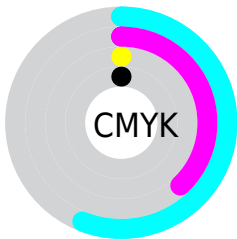
Distribution



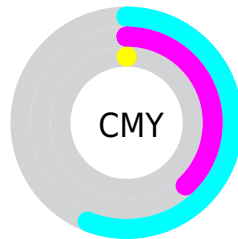
- Red (44%)
- Green (62%)
- Blue (100%)



- Red (44%)
- Yellow (58%)
- Blue (100%)



- Cyan (56%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (56%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1844, 0.2160, 0.2049 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 35.1844, 0.2160, 0.2049 by changing the saturation by 10% instead.


 35.1844, 0.2160,
0.2049

 35.1844, 0.2160,
0.2049


325.3815, 0.2643,
0.2645

 23.8050, 0.2045,
0.1912


 67.7713, 0.2332,
0.2257

 15.1890, 0.1901,
0.1745


 89.7476, 0.2398,
0.2338

 8.9521, 0.1719,
0.1538


 116.0250, 0.2454,
0.2408

 4.7100, 0.1484,
0.1280

146.9878, 0.2502,
0.2468

 2.0781, 0.1179,
0.0957

183.0204, 0.2544,
0.2521

 0.6523, 0.0791,
0.0558

224.5074, 0.2581,

 0.0000, 0.0000,

0.2567

0.0000

271.8329, 0.2614,
0.2608

■ 35.1844, 0.2160,
0.2049

■ 35.1844, 0.2160,
0.2049

■ 28.1954, 0.1992,
0.1784

■ 43.4938, 0.2340,
0.2311

■ 22.4469, 0.1845,
0.1526

■ 53.1893, 0.2523,
0.2561

■ 17.8547, 0.1726,
0.1289

■ 64.3363, 0.2704,
0.2793

■ 14.3186, 0.1641,
0.1083

■ 76.9946, 0.2877,
0.3004

■ 13.0659, 0.1613,
0.1005

■ 91.2204, 0.3040,
0.3193

99.9998, 0.3127,
0.3290

Harmonies

Analogous

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



35.1844, 0.1796, 0.2166



35.1844, 0.2160, 0.2049



35.1844, 0.2809, 0.2189

Triad

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



35.1844, 0.2160, 0.2049



35.1844, 0.4766, 0.3646



35.1844, 0.2504, 0.4248

Complementary

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



35.1844, 0.2160, 0.2049



68.5716, 0.4174, 0.4254

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.



35.1844, 0.3262, 0.4792



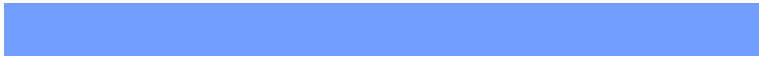
35.1844, 0.2160, 0.2049



35.1844, 0.4593, 0.4241

Square

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



35.1844, 0.2160, 0.2049



35.1844, 0.4416, 0.3057



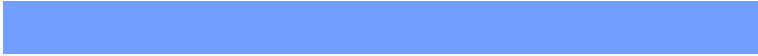
35.1844, 0.4026, 0.4716



35.1844, 0.1957, 0.3349

Rectangle

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



35.1844, 0.2160, 0.2049



35.1844, 0.3363, 0.2406



35.1844, 0.4026, 0.4716



35.1844, 0.2743, 0.4494

Sweetspot

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



35.1856, 0.2160, 0.2049



75.2189, 0.2855, 0.2977



79.6871, 0.2614, 0.3842



15.5380, 0.2820, 0.2936



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.



35.1856, 0.2160, 0.2049



27.3593, 0.1971, 0.1749



24.5366, 0.2210, 0.1566



18.3163, 0.2979, 0.3123



7.0628, 0.1620, 0.1033



0.8742, 0.1682, 0.1255

Inverse Universe

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



35.5492, 0.4257, 0.2838



29.4661, 0.4637, 0.2787



89.3645, 0.3748, 0.4714



18.0818, 0.3244, 0.3215



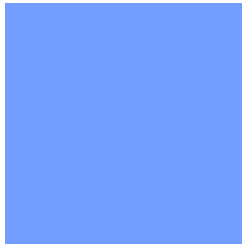
11.4410, 0.5709, 0.2919



1.1328, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 35.1844, 0.2160, 0.2049 looks on a white background.

Color Contrast Check

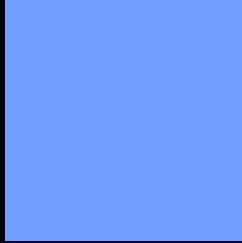
Large Text (above 18pt) WCAG AA × Fail

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 35.1844, 0.2160, 0.2049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

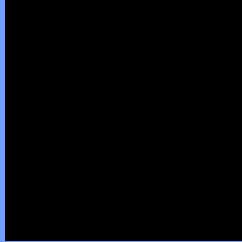
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

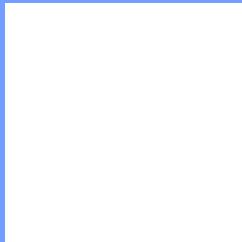
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1844, 0.2160, 0.2049

Background



This preview shows how black text looks on a background with the Yxy color 35.1844, 0.2160, 0.2049.



This preview shows how white text looks on a background with the Yxy color 35.1844, 0.2160, 0.2049.

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

35.1844, 0.2160, 0.2049

Protanopia

35.0064, 0.2210, 0.2055

Deuteranopia

35.3649, 0.2127, 0.2064



Tritanopia

35.0765, 0.2408, 0.3066

Trichromacy



Original Color

35.1844, 0.2160, 0.2049

Protanomaly

35.1916, 0.2192, 0.2054

Deuteranomaly

35.2044, 0.2138, 0.2055

Tritanomaly

34.8274, 0.2303, 0.2639

Monochromacy



Original Color

35.1844, 0.2160, 0.2049

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4952, 0.2687, 0.2779

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1844, 0.2160, 0.2049 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(113, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(113, 158, 255)  
}
```

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(113, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.1844, 0.2160, 0.2049 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(113, 158, 255) }
```

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

```
.border{ border-color:rgb(113, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 158, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 158, 255); box-shadow:4px 4px 4px 4px rgb(113, 158, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1844, 0.2160, 0.2049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 158, 255) }
```

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

```
.background{ background-color: rgb(113,  
158, 255) }
```

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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