

Converting Colors

$Yxy(35.7339, 0.2172, 0.2068)$

Have a look what the booklet for
Yxy(35.7339, 0.2172, 0.2068)
contains.

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Color

Yxy(35.6611, 0.2173, 0.2065)

Conversions

Conversions Part 1

Format	Color
Hex	739FFF
RGB	115, 159, 255
RGB Percent	45%, 62%, 100%
CMY	0.5486, 0.3765, 0.0000
CMYK	0.55, 0.38, 0.00, 0.00
HSL	221°, 100%, 73%
HSV	221°, 55%, 100%
XYZ	37.5262, 35.6611, 99.5057
YIQ	156.7880, -57.0400, 20.5280

Conversions

Conversions Part 2

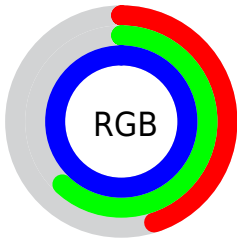
Format	Color
R_{YB}	115, 148, 255
Decimal	7577599
CIE _{Lab}	66.26, 12.24, -52.26
CIE _{LCh}	66, 53.671, 283.178
Yxy	35.6611, 0.2173, 0.2065
Android (android.graphics.Color)	4285767679 (0xFF739FFF)
YUV	156.7880, 48.4185, -36.6481
Hunter-Lab	59.7169, 7.6650, -56.9925

Details

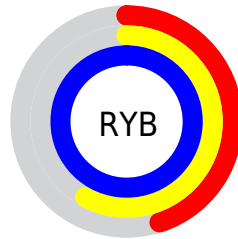
The Yxy color **35.6611, 0.2173, 0.2065** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **69.1393, 0.4155, 0.4246**, and the grayscale version is **33.4238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9225, 0.2619, 0.2813**, and **15.4553, 0.1916, 0.1760** is the 20% darker color. If you saturate the color by 10%, you get **28.5665, 0.2004, 0.1799**, and if you desaturate by 10%, it is **44.0883, 0.2354, 0.2327**.

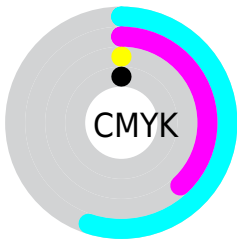
Distribution



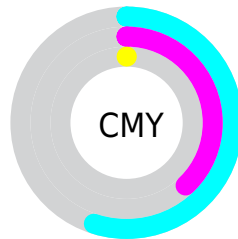
- Red (45%)
- Green (62%)
- Blue (100%)



- Red (45%)
- Yellow (58%)
- Blue (100%)



- Cyan (55%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (55%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6611, 0.2173, 0.2065 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 35.6611, 0.2173, 0.2065 by changing the saturation by 10% instead.

 35.6611, 0.2173,
0.2065


 35.6611, 0.2173,
0.2065


327.4768, 0.2649,
0.2653

 24.1726, 0.2059,
0.1930


 68.5087, 0.2343,
0.2271

 15.4617, 0.1918,
0.1765


 90.6365, 0.2408,
0.2350

 9.1440, 0.1738,
0.1560


 117.0795, 0.2463,
0.2419

 4.8353, 0.1506,
0.1304

148.2222, 0.2510,
0.2478

 2.1509, 0.1204,
0.0983

184.4488, 0.2552,
0.2530

 0.6930, 0.0817,
0.0588

226.1439, 0.2588,

 0.0000, 0.0000,

0.2576

0.0000

273.6918, 0.2620,
0.2617

■ 35.6611, 0.2173,
0.2065

■ 35.6611, 0.2173,
0.2065

■ 28.5665, 0.2004,
0.1799

■ 44.0883, 0.2354,
0.2327

■ 22.7247, 0.1854,
0.1539

■ 53.9138, 0.2537,
0.2577

■ 18.0517, 0.1733,
0.1299

■ 65.2030, 0.2718,
0.2808

■ 14.4484, 0.1645,
0.1091

■ 78.0157, 0.2891,
0.3019

■ 12.9561, 0.1611,
0.0998

■ 92.4084, 0.3053,
0.3207

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



35.6611, 0.1813, 0.2182



35.6611, 0.2173, 0.2065



35.6611, 0.2814, 0.2203

Triad

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



35.6611, 0.2173, 0.2065



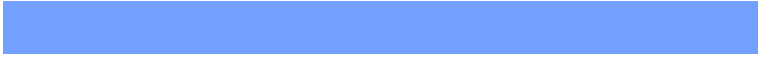
35.6611, 0.4742, 0.3644



35.6611, 0.2515, 0.4232

Complementary

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



35.6611, 0.2173, 0.2065



69.1393, 0.4155, 0.4246

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.



35.6611, 0.3263, 0.4767



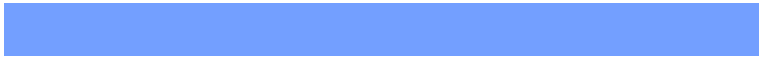
35.6611, 0.2173, 0.2065



35.6611, 0.4574, 0.4231

Square

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



35.6611, 0.2173, 0.2065



35.6611, 0.4395, 0.3062



35.6611, 0.4017, 0.4696



35.6611, 0.1974, 0.3350

Rectangle

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



35.6611, 0.2173, 0.2065



35.6611, 0.3360, 0.2417



35.6611, 0.4017, 0.4696



35.6611, 0.2751, 0.4473

Sweetspot

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



35.6623, 0.2173, 0.2065



76.4842, 0.2871, 0.2996



79.8542, 0.2618, 0.3832



15.7868, 0.2836, 0.2954



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.



35.6623, 0.2173, 0.2065



27.8418, 0.1985, 0.1768



25.1439, 0.2225, 0.1593



18.3075, 0.2979, 0.3122



7.0042, 0.1619, 0.1026



0.8676, 0.1680, 0.1247

Inverse Universe

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



36.0452, 0.4236, 0.2847



29.9066, 0.4609, 0.2795



89.4698, 0.3742, 0.4696



18.0809, 0.3245, 0.3216



11.4350, 0.5719, 0.2924



1.1321, 0.5400, 0.2748

Previews

White Background



This preview shows how the Yxy color 35.6611, 0.2173, 0.2065 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 35.6611, 0.2173, 0.2065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

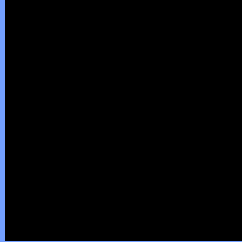
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

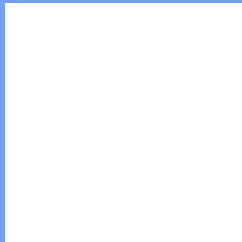
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6611, 0.2173, 0.2065

Background



This preview shows how black text looks on a background with the Yxy color 35.6611, 0.2173, 0.2065.



This preview shows how white text looks on a background with the Yxy color 35.6611, 0.2173, 0.2065.

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

35.6611, 0.2173, 0.2065

Protanopia

35.4909, 0.2223, 0.2071

Deuteranopia

35.8979, 0.2144, 0.2081



Tritanopia

35.6487, 0.2421, 0.3068

Trichromacy



Original Color

35.6611, 0.2173, 0.2065

Protanomaly

35.6744, 0.2205, 0.2070

Deuteranomaly

35.7411, 0.2156, 0.2072

Tritanomaly

35.4114, 0.2317, 0.2644

Monochromacy



Original Color

35.6611, 0.2173, 0.2065

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0548, 0.2698, 0.2783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6611, 0.2173, 0.2065 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(115, 159, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 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(115, 159, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.6611, 0.2173, 0.2065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

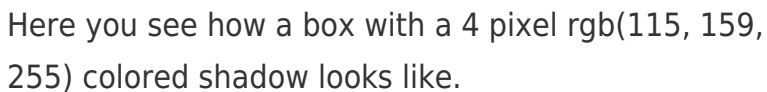
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 159, 255) }
```

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

```
.border{ border-color:rgb(115, 159, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 159, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 159, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 159, 255); box-shadow:4px 4px 4px 4px rgb(115, 159, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6611, 0.2173, 0.2065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 255) }
```

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

```
.background{ background-color: rgb(115,  
159, 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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