

Converting Colors

$Y_{xy}(35.3285, 0.2288, 0.2392)$

Have a look what the booklet for
Yxy(35.3285, 0.2288, 0.2392)
contains.

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Color

Yxy(35.1753, 0.2286, 0.2389)

Conversions

Conversions Part 1

Format	Color
Hex	6FA3E4
RGB	111, 163, 228
RGB Percent	44%, 64%, 89%
CMY	0.5645, 0.3608, 0.1059
CMYK	0.51, 0.29, 0.00, 0.11
HSL	213°, 68%, 66%
HSV	213°, 51%, 89%
XYZ	33.6587, 35.1753, 78.4046
YIQ	154.8620, -51.8570, 9.1910

Conversions

Conversions Part 2

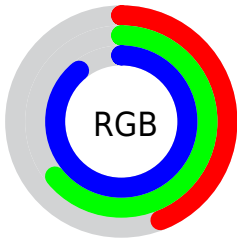
Format	Color
R _Y B	111, 147, 228
Decimal	7316452
CIE Lab	65.88, 0.79, -38.08
CIE LCh	66, 38.090, 271.192
Yxy	35.1753, 0.2286, 0.2389
Android (android.graphics.Color)	4285506532 (0xFF6FA3E4)
YUV	154.8620, 36.0570, -38.4670
Hunter-Lab	59.3088, -2.4885, -36.8636

Details

The Yxy color **35.1753, 0.2286, 0.2389** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **48.7063, 0.4168, 0.4029**, and the grayscale version is **32.5738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6876, 0.2587, 0.2867**, and **15.2450, 0.2050, 0.2147** is the 20% darker color. If you saturate the color by 10%, you get **29.6045, 0.2130, 0.2174**, and if you desaturate by 10%, it is **41.5768, 0.2451, 0.2595**.

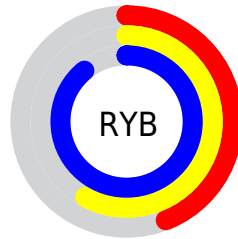
Distribution



Red (44%)

Green (64%)

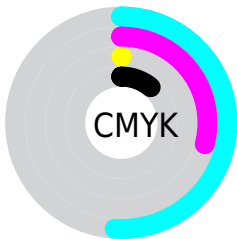
Blue (89%)



Red (44%)

Yellow (58%)

Blue (89%)

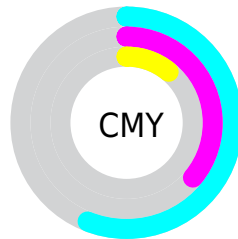


Cyan (51%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.1753, 0.2286, 0.2389 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 35.1753, 0.2286, 0.2389 by changing the saturation by 10% instead.

■ 35.1753, 0.2286,
0.2389

■ 35.1753, 0.2286,
0.2389

■ 325.3414, 0.2710,
0.2842

■ 23.7979, 0.2182,
0.2278

■ 67.7572, 0.2440,
0.2553

■ 15.1838, 0.2049,
0.2137

■ 89.7306, 0.2497,
0.2615

■ 8.9485, 0.1878,
0.1955

■ 116.0048, 0.2547,
0.2667

■ 4.7076, 0.1648,
0.1712

■ 146.9642, 0.2589,
0.2712

■ 2.0767, 0.1334,
0.1380

■ 182.9931, 0.2625,
0.2751

■ 0.6515, 0.0884,
0.0902

■ 224.4760, 0.2657,

■ 0.0000, 0.0000,

0.2785

0.0000

271.7973, 0.2685,
0.2815

■ 35.1753, 0.2286,
0.2389

■ 35.1753, 0.2286,
0.2389

■ 29.6045, 0.2130,
0.2174

■ 41.5768, 0.2451,
0.2595

■ 24.8182, 0.1990,
0.1955

■ 48.8442, 0.2620,
0.2789

■ 20.7702, 0.1870,
0.1741


■ 57.0148, 0.2788,
0.2967


■ 17.4057, 0.1777,
0.1537

■ 66.1221, 0.2952,
0.3128

■ 14.9628, 0.1715,
0.1374

■ 76.1982, 0.3108,
0.3273

 87.2731, 0.3255,
0.3401

 96.2879, 0.3289,
0.3521

 98.3807, 0.3286,
0.3552

Harmonies

Analogous

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



35.1753, 0.2094, 0.2585



35.1753, 0.2286, 0.2389



35.1753, 0.2697, 0.2410

Triad

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



35.1753, 0.2286, 0.2389



35.1753, 0.4225, 0.3411



35.1753, 0.2912, 0.4128

Complementary

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



35.1753, 0.2286, 0.2389



48.7063, 0.4168, 0.4029

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.



35.1753, 0.3485, 0.4357



35.1753, 0.2286, 0.2389



35.1753, 0.4270, 0.3859

Square

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



35.1753, 0.2286, 0.2389



35.1753, 0.3843, 0.2973



35.1753, 0.3987, 0.4223



35.1753, 0.2426, 0.3594

Rectangle

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



35.1753, 0.2286, 0.2389



35.1753, 0.3065, 0.2531



35.1753, 0.3987, 0.4223



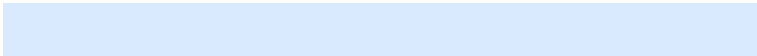
35.1753, 0.3101, 0.4246

Sweetspot

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



35.1766, 0.2286, 0.2389



80.6324, 0.2890, 0.3069



61.9720, 0.2723, 0.4010



16.7249, 0.2856, 0.3035



0.0000, 0.0000, 0.0000



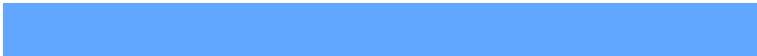
21.4041, 0.3127, 0.3290

Same Dimension

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



35.1766, 0.2286, 0.2389



37.4425, 0.2114, 0.2150



20.7546, 0.2183, 0.1677



14.9358, 0.2981, 0.3156



8.8693, 0.1723, 0.1401



0.8382, 0.1801, 0.1683

Inverse Universe

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



30.5154, 0.3919, 0.2700



32.5859, 0.4192, 0.2602



72.1805, 0.3829, 0.4547



14.4739, 0.3223, 0.3186



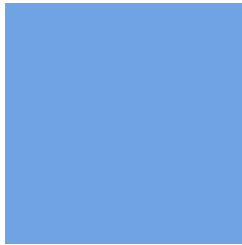
10.0931, 0.5189, 0.2632



0.7643, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 35.1753, 0.2286, 0.2389 looks on a white background.

Color Contrast Check

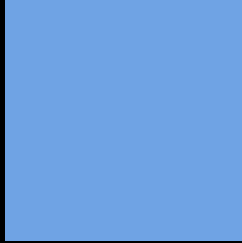
Large Text (above 18pt) WCAG AA × Fail

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 35.1753, 0.2286, 0.2389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

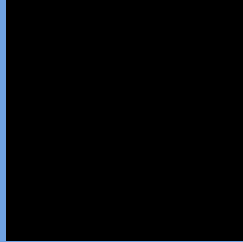
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

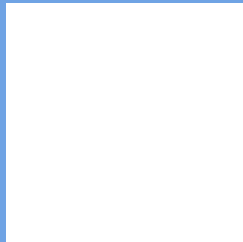
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1753, 0.2286, 0.2389

Background



This preview shows how black text looks on a background with the Yxy color 35.1753, 0.2286, 0.2389.



This preview shows how white text looks on a background with the Yxy color 35.1753, 0.2286, 0.2389.

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

35.1753, 0.2286, 0.2389

Protanopia

34.9306, 0.2474, 0.2399

Deuteranopia

35.0164, 0.2394, 0.2336



Tritanopia

35.1700, 0.2465, 0.3068

Trichromacy



Original Color

35.1753, 0.2286, 0.2389

Protanomaly

34.8996, 0.2399, 0.2389

Deuteranomaly

35.0838, 0.2348, 0.2352

Tritanomaly

35.0471, 0.2392, 0.2792

Monochromacy



Original Color

35.1753, 0.2286, 0.2389

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.3201, 0.2755, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1753, 0.2286, 0.2389 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(111, 163, 228)` looks like.

```
.text, #text, p{  
    color:rgb(111, 163, 228)  
}
```

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(111, 163, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 163, 228) }
```

Border

The CSS property to change the border of an element to Yxy 35.1753, 0.2286, 0.2389 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(111, 163, 228) }
```

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

```
.border{ border-color:rgb(111, 163, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 163, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 163, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 163, 228); box-shadow:4px 4px 4px 4px rgb(111, 163, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1753, 0.2286, 0.2389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 163, 228) }
```

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

```
.background{ background-color: rgb(111,  
163, 228) }
```

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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