

Converting Colors

$Y_{xy}(43.1950, 0.2178, 0.2346)$

Have a look what the booklet for
Yxy(43.1950, 0.2178, 0.2346)
contains.

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Color

Yxy(43.0925, 0.2177, 0.2342)

Conversions

Conversions Part 1

Format	Color
Hex	66B5FF
RGB	102, 181, 255
RGB Percent	40%, 71%, 100%
CMY	0.6001, 0.2902, 0.0000
CMYK	0.60, 0.29, 0.00, 0.00
HSL	209°, 100%, 70%
HSV	209°, 60%, 100%
XYZ	40.0565, 43.0925, 100.8497
YIQ	165.8150, -70.8380, 6.2660

Conversions

Conversions Part 2

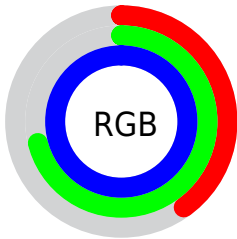
Format	Color
R _Y B	102, 154, 255
Decimal	6731263
CIE Lab	71.62, -2.79, -43.89
CIE LCh	72, 43.979, 266.360
Yxy	43.0925, 0.2177, 0.2342
Android (android.graphics.Color)	4284921343 (0xFF66B5FF)
YUV	165.8150, 43.9682, -55.9658
Hunter-Lab	65.6449, -5.9578, -45.1353

Details

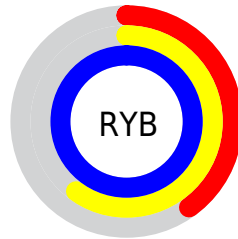
The Yxy color **43.0925, 0.2177, 0.2342** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **53.2625, 0.4477, 0.4030**, and the grayscale version is **37.8456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5749, 0.2591, 0.3086**, and **19.6861, 0.1937, 0.2090** is the 20% darker color. If you saturate the color by 10%, you get **37.0287, 0.2045, 0.2151**, and if you desaturate by 10%, it is **50.0557, 0.2325, 0.2529**.

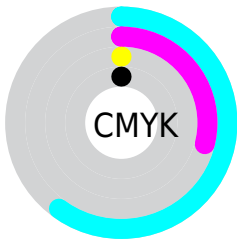
Distribution



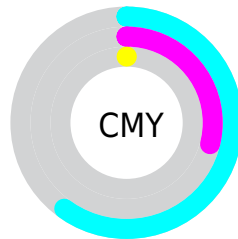
- Red (40%)
- Green (71%)
- Blue (100%)



- Red (40%)
- Yellow (60%)
- Blue (100%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0925, 0.2177, 0.2342 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 43.0925, 0.2177, 0.2342 by changing the saturation by 10% instead.

■ 43.0925, 0.2177,
0.2342

■ 43.0925, 0.2177,
0.2342

■ 358.9920, 0.2635,
0.2803

■ 29.9577, 0.2070,
0.2234

■ 79.8504, 0.2338,
0.2505

■ 19.8065, 0.1939,
0.2099

■ 104.2423, 0.2400,
0.2568

■ 12.2545, 0.1773,
0.1930

■ 133.1554, 0.2454,
0.2621

■ 6.9172, 0.1560,
0.1710

■ 166.9741, 0.2500,
0.2667

■ 3.4104, 0.1283,
0.1422

■ 206.0826, 0.2540,
0.2708

■ 1.3495, 0.0921,
0.1040

■ 250.8656, 0.2576,

■ 0.1791, 0.0174,

0.2743

0.0306

301.7072, 0.2607,
0.2775

■ 0.0000, 0.0000,
0.0000

■ 43.0925, 0.2177,
0.2342

■ 43.0925, 0.2177,
0.2342

■ 37.0287, 0.2045,
0.2151

■ 50.0557, 0.2325,
0.2529

■ 31.8131, 0.1933,
0.1961

■ 57.9712, 0.2483,
0.2707

■ 27.3805, 0.1844,
0.1776

■ 66.8824, 0.2646,
0.2874

■ 23.6361, 0.1778,
0.1600

■ 76.8306, 0.2810,
0.3027

■ 87.8546, 0.2971,
0.3165

99.9907, 0.3127,
0.3290

100.0000, 0.3127,
0.3290

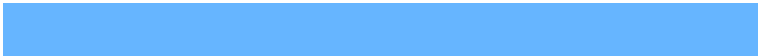
Harmonies

Analogous

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



43.0925, 0.2013, 0.2587



43.0925, 0.2177, 0.2342



43.0925, 0.2578, 0.2332

Triad

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



43.0925, 0.2177, 0.2342



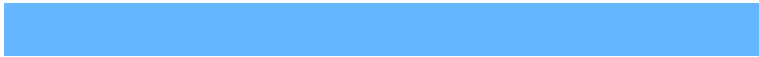
43.0925, 0.4269, 0.3335



43.0925, 0.2988, 0.4269

Complementary

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



43.0925, 0.2177, 0.2342



53.2625, 0.4477, 0.4030

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.



43.0925, 0.3602, 0.4444



43.0925, 0.2177, 0.2342



43.0925, 0.4376, 0.3817

Square

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



43.0925, 0.2177, 0.2342



43.0925, 0.3807, 0.2880



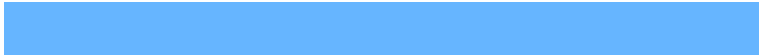
43.0925, 0.4116, 0.4236



43.0925, 0.2443, 0.3723

Rectangle

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



43.0925, 0.2177, 0.2342



43.0925, 0.2957, 0.2441



43.0925, 0.4116, 0.4236



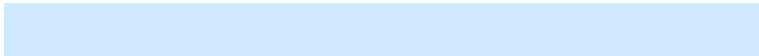
43.0925, 0.3193, 0.4376

Sweetspot

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



43.0912, 0.2177, 0.2342



78.9560, 0.2843, 0.3056



77.4759, 0.2727, 0.4305



16.2434, 0.2795, 0.3013



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.



43.0912, 0.2177, 0.2342



35.9237, 0.2021, 0.2113



20.0517, 0.1960, 0.1378



18.9294, 0.2979, 0.3172



12.6510, 0.1786, 0.1629



1.4506, 0.1842, 0.1830

Inverse Universe

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



34.0953, 0.3999, 0.2510



28.5784, 0.4272, 0.2421



92.1225, 0.3991, 0.4678



18.1437, 0.3213, 0.3168



12.0051, 0.4895, 0.2470



1.1910, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 43.0925, 0.2177, 0.2342 looks on a white background.

Color Contrast Check

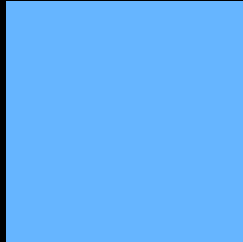
Large Text (above 18pt) WCAG AA × Fail

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 43.0925, 0.2177, 0.2342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

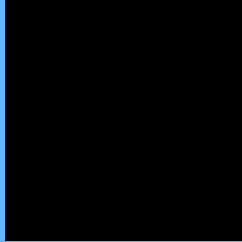
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

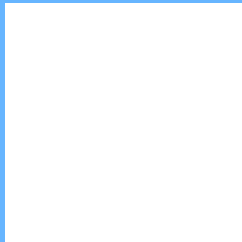
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0925, 0.2177, 0.2342

Background



This preview shows how black text looks on a background with the Yxy color 43.0925, 0.2177, 0.2342.



This preview shows how white text looks on a background with the Yxy color 43.0925, 0.2177, 0.2342.

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

43.0925, 0.2177, 0.2342

Protanopia

42.8617, 0.2442, 0.2354

Deuteranopia

42.6826, 0.2342, 0.2282



Tritanopia

42.9886, 0.2334, 0.3053

Trichromacy



Original Color

43.0925, 0.2177, 0.2342

Protanomaly

42.6115, 0.2327, 0.2338

Deuteranomaly

42.7063, 0.2274, 0.2302

Tritanomaly

42.9972, 0.2271, 0.2770

Monochromacy



Original Color

43.0925, 0.2177, 0.2342

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.0427, 0.2689, 0.2910

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0925, 0.2177, 0.2342 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(102, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 181, 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(102, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.0925, 0.2177, 0.2342 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(102, 181, 255) }
```

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

```
.border{ border-color:rgb(102, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0925, 0.2177, 0.2342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 181, 255) }
```

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

```
.background{ background-color: rgb(102,  
181, 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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