

Converting Colors

$Yxy(43.1305, 0.2217, 0.2333)$

Have a look what the booklet for
Yxy(43.1305, 0.2217, 0.2333)
contains.

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Color

Yxy(43.3073, 0.2217, 0.2339)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 70B4FF |
| RGB | 112, 180, 255 |
| RGB Percent | 44%, 71%, 100% |
| CMY | 0.5609, 0.2941, 0.0000 |
| CMYK | 0.56, 0.29, 0.00, 0.00 |
| HSL | 211°, 100%, 72% |
| HSV | 211°, 56%, 100% |
| XYZ | 41.0484, 43.3073, 100.7973 |
| YIQ | 168.2180, -64.6030, 8.9090 |

Conversions

Conversions Part 2

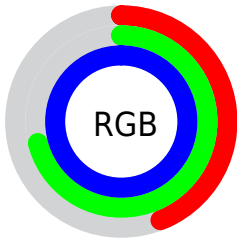
| Format | Color |
|-------------------------------------|---|
| RYB | 112, 158, 255 |
| Decimal | 7386367 |
| CIELab | 71.76, -0.35, -43.61 |
| CIELCh | 72, 43.607, 269.541 |
| Yxy | 43.3073, 0.2217, 0.2339 |
| Android (android.graphics.Color) | 4285576447 (0xFF70B4FF) |
| YUV | 168.2180, 42.7835, -49.3032 |
| Hunter-Lab | 65.8083, -3.8237, -44.7476 |

Details

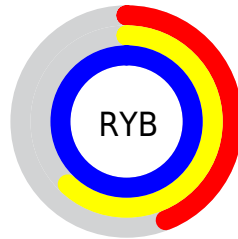
The Yxy color **43.3073, 0.2217, 0.2339** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **57.9464, 0.4327, 0.4049**, and the grayscale version is **39.0773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9816, 0.2635, 0.3078**, and **20.0510, 0.1989, 0.2104** is the 20% darker color. If you saturate the color by 10%, you get **36.7268, 0.2072, 0.2133**, and if you desaturate by 10%, it is **50.8848, 0.2375, 0.2539**.

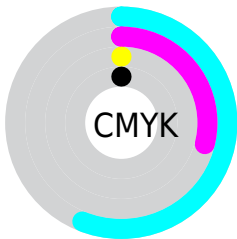
Distribution



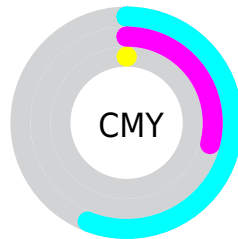
- Red (44%)
- Green (71%)
- Blue (100%)



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



- Cyan (56%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (56%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3073, 0.2217, 0.2339 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 43.3073, 0.2217, 0.2339 by changing the saturation by 10% instead.


 43.3073, 0.2217,
0.2339


 43.3073, 0.2217,
0.2339


359.8740, 0.2657,
0.2800


 30.1263, 0.2114,
0.2231


 80.1744, 0.2372,
0.2501

 19.9345, 0.1987,
0.2098

 104.6293, 0.2432,
0.2564

 12.3474, 0.1826,
0.1929


 133.6109, 0.2483,
0.2617

 6.9808, 0.1619,
0.1712

167.5036, 0.2527,
0.2664

 3.4501, 0.1347,
0.1426

206.6919, 0.2566,
0.2704

 1.3710, 0.0988,
0.1048

251.5602, 0.2600,

 0.1952, 0.0298,

0.2740

0.0329

302.4927, 0.2630,
0.2771

■ 0.0000, 0.0000,
0.0000

■ 43.3073, 0.2217,
0.2339

■ 43.3073, 0.2217,
0.2339

■ 36.7268, 0.2072,
0.2133

■ 50.8848, 0.2375,
0.2539

■ 31.0830, 0.1945,
0.1925

■ 59.5053, 0.2540,
0.2729

■ 26.3140, 0.1842,
0.1724

■ 69.2165, 0.2708,
0.2905

■ 22.3437, 0.1765,
0.1535

■ 80.0617, 0.2873,
0.3065

■ 20.9706, 0.1740,
0.1464

■ 92.0812, 0.3033,
0.3210

99.9996, 0.3127,
0.3290

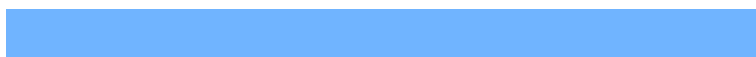
Harmonies

Analogous

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



43.3073, 0.2028, 0.2556



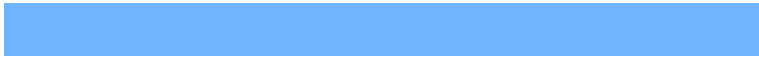
43.3073, 0.2217, 0.2339



43.3073, 0.2638, 0.2352

Triad

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



43.3073, 0.2217, 0.2339



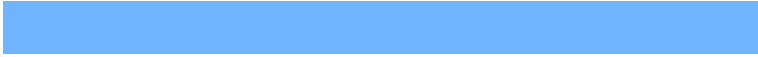
43.3073, 0.4287, 0.3386



43.3073, 0.2927, 0.4215

Complementary

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



43.3073, 0.2217, 0.2339



57.9464, 0.4327, 0.4049

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.



43.3073, 0.3536, 0.4434



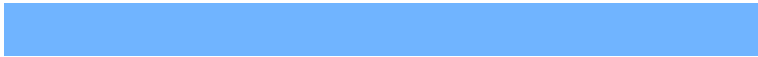
43.3073, 0.2217, 0.2339



43.3073, 0.4353, 0.3862

Square

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



43.3073, 0.2217, 0.2339



43.3073, 0.3861, 0.2928



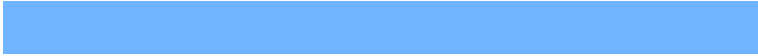
43.3073, 0.4063, 0.4263



43.3073, 0.2403, 0.3650

Rectangle

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



43.3073, 0.2217, 0.2339



43.3073, 0.3024, 0.2473



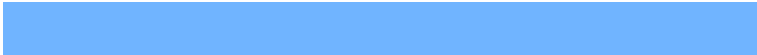
43.3073, 0.4063, 0.4263



43.3073, 0.3128, 0.4335

Sweetspot

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



43.3088, 0.2217, 0.2339



79.0325, 0.2858, 0.3051



78.4978, 0.2719, 0.4162



16.4345, 0.2825, 0.3020



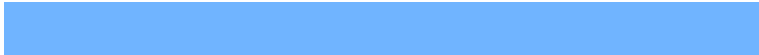
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.3088, 0.2217, 0.2339



36.1780, 0.2060, 0.2114



22.4010, 0.2048, 0.1488



18.8033, 0.2979, 0.3162



11.2526, 0.1748, 0.1494



1.3126, 0.1807, 0.1705

Inverse Universe

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



36.1351, 0.3986, 0.2606



30.3563, 0.4251, 0.2518



93.4946, 0.3918, 0.4634



18.1310, 0.3219, 0.3177



11.8639, 0.5067, 0.2565



1.1771, 0.4800, 0.2418

Previews

White Background



This preview shows how the Yxy color 43.3073, 0.2217, 0.2339 looks on a white background.

Color Contrast Check

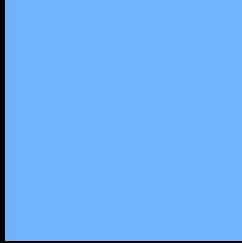
Large Text (above 18pt) WCAG AA × Fail

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 43.3073, 0.2217, 0.2339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

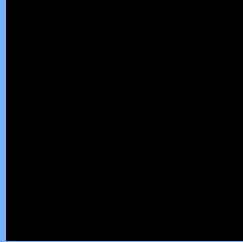
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

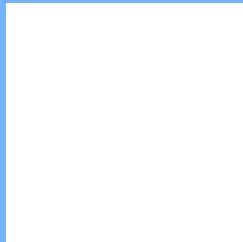
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3073, 0.2217, 0.2339

Background



This preview shows how black text looks on a background with the Yxy color 43.3073, 0.2217, 0.2339.



This preview shows how white text looks on a background with the Yxy color 43.3073, 0.2217, 0.2339.

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

43.3073, 0.2217, 0.2339

Protanopia

42.9239, 0.2437, 0.2344

Deuteranopia

43.2429, 0.2356, 0.2298



Tritanopia

43.5618, 0.2393, 0.3070

Trichromacy



Original Color

43.3073, 0.2217, 0.2339

Protanomaly

42.9433, 0.2349, 0.2343

Deuteranomaly

43.0960, 0.2300, 0.2308

Tritanomaly

43.1548, 0.2323, 0.2775

Monochromacy



Original Color

43.3073, 0.2217, 0.2339

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.9711, 0.2714, 0.2902

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3073, 0.2217, 0.2339 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(112, 180, 255)` looks like.

```
.text, #text, p{  
    color:rgb(112, 180, 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(112, 180, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 180, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.3073, 0.2217, 0.2339 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(112, 180, 255) }
```

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

```
.border{ border-color:rgb(112, 180, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 180, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 180, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 180, 255);  
box-shadow:4px 4px 4px 4px rgb(112, 180,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3073, 0.2217, 0.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 180, 255) }
```

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

```
.background{ background-color: rgb(112,  
180, 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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