

Converting Colors

$Yxy(43.9224, 0.2118, 0.2271)$

Have a look what the booklet for
Yxy(43.9224, 0.2118, 0.2271)
contains.

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Color

Yxy(43.4667, 0.2152, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	5EB7FF
RGB	94, 183, 255
RGB Percent	37%, 72%, 100%
CMY	0.6319, 0.2823, 0.0001
CMYK	0.63, 0.28, 0.00, 0.00
HSL	207°, 100%, 68%
HSV	207°, 63%, 100%
XYZ	39.5854, 43.4667, 100.8950
YIQ	164.5970, -76.1560, 3.5240

Conversions

Conversions Part 2

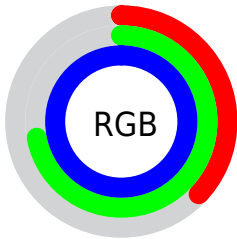
Format	Color
R _Y B	94, 151, 255
Decimal	6207487
CIE Lab	71.87, -5.36, -43.48
CIE LCh	72, 43.812, 262.977
Yxy	43.4667, 0.2152, 0.2363
Android (android.graphics.Color)	4284397567 (0xFF5EB7FF)
YUV	164.5970, 44.5687, -61.9136
Hunter-Lab	65.9293, -8.2008, -44.5841

Details

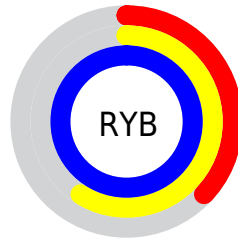
The Yxy color **43.4667, 0.2152, 0.2363** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **49.2661, 0.4615, 0.3999**, and the grayscale version is **37.2186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.1211, 0.2565, 0.3108**, and **20.0425, 0.1922, 0.2120** is the 20% darker color. If you saturate the color by 10%, you get **37.8281, 0.2031, 0.2186**, and if you desaturate by 10%, it is **49.9331, 0.2290, 0.2536**.

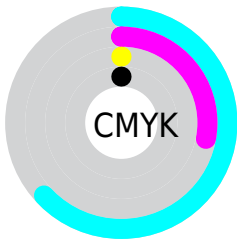
Distribution



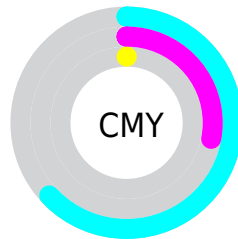
- Red (37%)
- Green (72%)
- Blue (100%)



- Red (37%)
- Yellow (59%)
- Blue (100%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4667, 0.2152, 0.2363 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 43.4667, 0.2152, 0.2363 by changing the saturation by 10% instead.


 43.4667, 0.2152,
0.2363


 43.4667, 0.2152,
0.2363


360.5276, 0.2621,
0.2816


 30.2515, 0.2043,
0.2256


 80.4147, 0.2316,
0.2523


 20.0295, 0.1910,
0.2124


 104.9162, 0.2380,
0.2585

 12.4165, 0.1742,
0.1956


 133.9486, 0.2434,
0.2637

 7.0280, 0.1526,
0.1738

 167.8962, 0.2482,
0.2683

 3.4796, 0.1247,
0.1450

207.1436, 0.2523,
0.2723

 1.3870, 0.0886,
0.1069

252.0750, 0.2559,

 0.2071, 0.0113,

0.2757

0.0354

303.0748, 0.2592,
0.2788

■ 0.0000, 0.0000,
0.0000

■ 43.4667, 0.2152,
0.2363

■ 43.4667, 0.2152,
0.2363

■ 37.8281, 0.2031,
0.2186

■ 49.9331, 0.2290,
0.2536

■ 32.9581, 0.1931,
0.2011

■ 57.2711, 0.2441,
0.2703

■ 28.7932, 0.1855,
0.1841

■ 65.5257, 0.2599,
0.2859

■ 26.3013, 0.1814,
0.1729

■ 74.7371, 0.2760,
0.3004

■ 84.9423, 0.2921,
0.3136

96.1764, 0.3078,
0.3255

99.9988, 0.3127,
0.3290

Harmonies

Analogous

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



43.4667, 0.2016, 0.2634



43.4667, 0.2152, 0.2363



43.4667, 0.2526, 0.2328

Triad

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



43.4667, 0.2152, 0.2363



43.4667, 0.4225, 0.3281



43.4667, 0.3058, 0.4303

Complementary

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



43.4667, 0.2152, 0.2363



49.2661, 0.4615, 0.3999

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.



43.4667, 0.3665, 0.4430



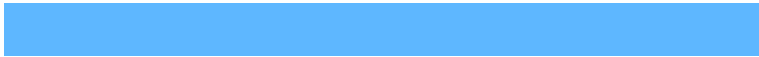
43.4667, 0.2152, 0.2363



43.4667, 0.4375, 0.3761

Square

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



43.4667, 0.2152, 0.2363



43.4667, 0.3735, 0.2837



43.4667, 0.4155, 0.4191



43.4667, 0.2500, 0.3793

Rectangle

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



43.4667, 0.2152, 0.2363



43.4667, 0.2890, 0.2421



43.4667, 0.4155, 0.4191



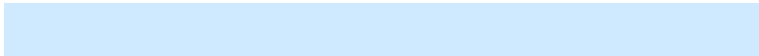
43.4667, 0.3263, 0.4393

Sweetspot

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



43.4682, 0.2152, 0.2363



78.9042, 0.2828, 0.3061



76.5490, 0.2753, 0.4481



16.2777, 0.2782, 0.3022



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.



43.4682, 0.2152, 0.2363



36.3909, 0.2001, 0.2137



19.6121, 0.1918, 0.1360



19.0448, 0.2979, 0.3181



14.0479, 0.1821, 0.1756



1.5859, 0.1874, 0.1945

Inverse Universe

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



32.6561, 0.3992, 0.2424



27.4629, 0.4261, 0.2339



86.9080, 0.4070, 0.4674



18.1554, 0.3207, 0.3159



12.1461, 0.4738, 0.2384



1.2046, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 43.4667, 0.2152, 0.2363 looks on a white background.

Color Contrast Check

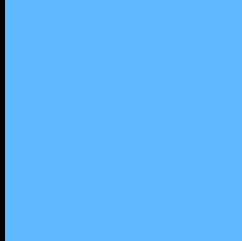
Large Text (above 18pt) WCAG AA × Fail

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 43.4667, 0.2152, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

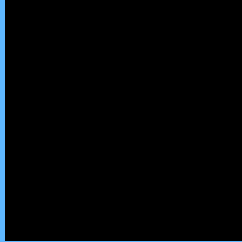
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

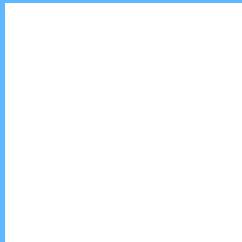
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4667, 0.2152, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 43.4667, 0.2152, 0.2363.



This preview shows how white text looks on a background with the Yxy color 43.4667, 0.2152, 0.2363.

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

43.4667, 0.2152, 0.2363

Protanopia

43.2779, 0.2456, 0.2379

Deuteranopia

43.2429, 0.2356, 0.2298



Tritanopia

43.5554, 0.2296, 0.3053

Trichromacy



Original Color

43.4667, 0.2152, 0.2363

Protanomaly

43.1717, 0.2326, 0.2371

Deuteranomaly

42.9494, 0.2266, 0.2313

Tritanomaly

43.4937, 0.2240, 0.2783

Monochromacy



Original Color

43.4667, 0.2152, 0.2363

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.0712, 0.2661, 0.2921

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4667, 0.2152, 0.2363 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(94, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 183, 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(94, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.4667, 0.2152, 0.2363 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(94, 183, 255) }
```

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

```
.border{ border-color:rgb(94, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 183, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 183, 255); box-shadow:4px 4px 4px 4px rgb(94, 183, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4667, 0.2152, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 183, 255) }
```

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

```
.background{ background-color: rgb(94, 183,  
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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