

Converting Colors

$Yxy(43.5823, 0.2244, 0.2317)$

Have a look what the booklet for
Yxy(43.5823, 0.2244, 0.2317)
contains.

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Color

Yxy(43.4533, 0.2252, 0.2334)

Conversions

Conversions Part 1

Format	Color
Hex	78B3FF
RGB	120, 179, 255
RGB Percent	47%, 70%, 100%
CMY	0.5290, 0.2981, 0.0000
CMYK	0.53, 0.30, 0.00, 0.00
HSL	214°, 100%, 74%
HSV	214°, 53%, 100%
XYZ	41.9267, 43.4533, 100.7953
YIQ	170.0230, -59.5600, 11.1280

Conversions

Conversions Part 2

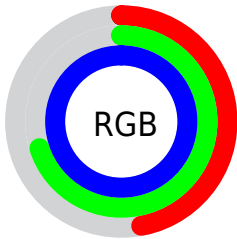
Format	Color
RYB	120, 161, 255
Decimal	7910399
CIELab	71.86, 1.90, -43.43
CIELCh	72, 43.476, 272.508
Yxy	43.4533, 0.2252, 0.2334
Android (android.graphics.Color)	4286100479 (0xFF78B3FF)
YUV	170.0230, 41.8937, -43.8702
Hunter-Lab	65.9191, -1.8268, -44.5155

Details

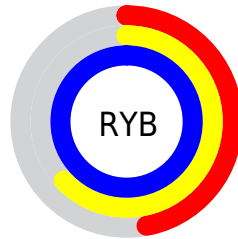
The Yxy color **43.4533, 0.2252, 0.2334** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **62.1488, 0.4211, 0.4063**, and the grayscale version is **40.0302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2204, 0.2671, 0.3069**, and **20.1258, 0.2031, 0.2099** is the 20% darker color. If you saturate the color by 10%, you get **36.4032, 0.2097, 0.2113**, and if you desaturate by 10%, it is **51.5905, 0.2418, 0.2547**.

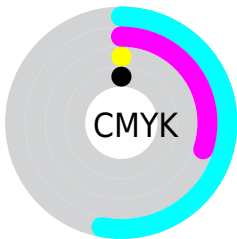
Distribution



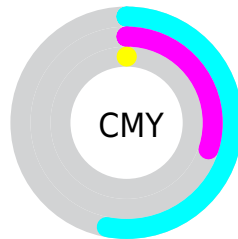
- Red (47%)
- Green (70%)
- Blue (100%)



- Red (47%)
- Yellow (63%)
- Blue (100%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4533, 0.2252, 0.2334 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 43.4533, 0.2252, 0.2334 by changing the saturation by 10% instead.

■ 43.4533, 0.2252,
0.2334

■ 43.4533, 0.2252,
0.2334

360.4727, 0.2676,
0.2795

■ 30.2409, 0.2152,
0.2227

■ 80.3945, 0.2402,
0.2496

■ 20.0215, 0.2029,
0.2094

■ 104.8921, 0.2459,
0.2559

■ 12.4107, 0.1873,
0.1926

■ 133.9202, 0.2509,
0.2612

■ 7.0240, 0.1670,
0.1710

167.8632, 0.2551,
0.2659

■ 3.4771, 0.1403,
0.1426

207.1056, 0.2589,
0.2699

■ 1.3856, 0.1047,
0.1051

252.0317, 0.2621,

■ 0.2061, 0.0403,

0.2735

0.0343

303.0259, 0.2651,
0.2767

0.0000, 0.0000,
0.0000

43.4533, 0.2252,
0.2334

43.4533, 0.2252,
0.2334

36.4032, 0.2097,
0.2113

51.5905, 0.2418,
0.2547

30.3804, 0.1958,
0.1891

60.8652, 0.2589,
0.2747

25.3207, 0.1842,
0.1675

71.3268, 0.2759,
0.2932

21.1485, 0.1754,
0.1472

83.0208, 0.2924,
0.3099

18.6572, 0.1705,
0.1339

95.9900, 0.3083,
0.3250

100.0000, 0.3127,
0.3290

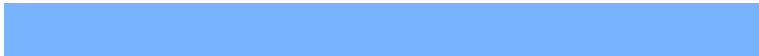
Harmonies

Analogous

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



43.4533, 0.2040, 0.2527



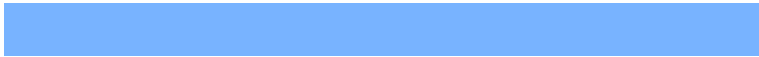
43.4533, 0.2252, 0.2334



43.4533, 0.2693, 0.2368

Triad

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



43.4533, 0.2252, 0.2334



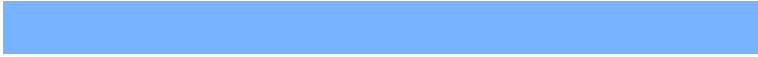
43.4533, 0.4305, 0.3433



43.4533, 0.2870, 0.4167

Complementary

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



43.4533, 0.2252, 0.2334



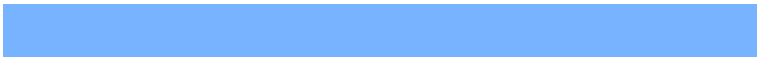
62.1488, 0.4211, 0.4063

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.



43.4533, 0.3475, 0.4426



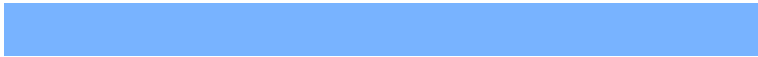
43.4533, 0.2252, 0.2334



43.4533, 0.4334, 0.3905

Square

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



43.4533, 0.2252, 0.2334



43.4533, 0.3912, 0.2972



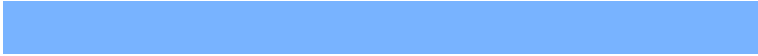
43.4533, 0.4016, 0.4289



43.4533, 0.2364, 0.3584

Rectangle

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



43.4533, 0.2252, 0.2334



43.4533, 0.3087, 0.2500



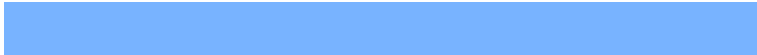
43.4533, 0.4016, 0.4289



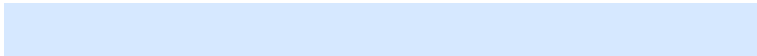
43.4533, 0.3069, 0.4300

Sweetspot

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



43.4540, 0.2252, 0.2334



79.2651, 0.2874, 0.3049



79.4282, 0.2713, 0.4043



16.4460, 0.2840, 0.3015



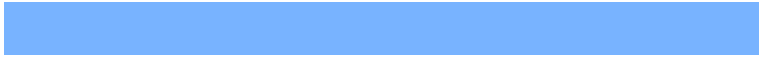
0.0000, 0.0000, 0.0000



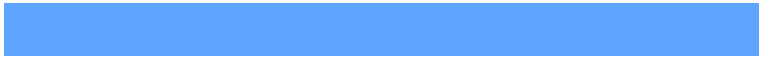
21.4041, 0.3127, 0.3290

Same Dimension

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



43.4540, 0.2252, 0.2334



36.3402, 0.2095, 0.2111



25.1761, 0.2143, 0.1610



18.6823, 0.2979, 0.3152



10.0335, 0.1714, 0.1369



1.1897, 0.1775, 0.1588

Inverse Universe

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



37.9703, 0.3977, 0.2691



32.0254, 0.4235, 0.2607



92.8815, 0.3851, 0.4588



18.1188, 0.3225, 0.3187



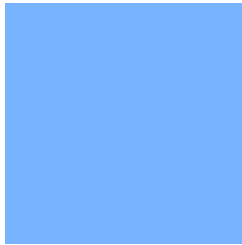
11.7409, 0.5233, 0.2656



1.1646, 0.4946, 0.2498

Previews

White Background



This preview shows how the Yxy color 43.4533, 0.2252, 0.2334 looks on a white background.

Color Contrast Check

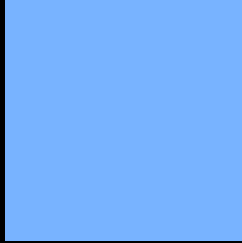
Large Text (above 18pt) WCAG AA × Fail

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 43.4533, 0.2252, 0.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

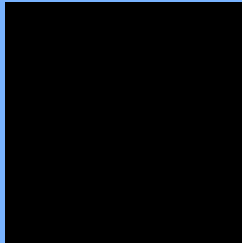
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

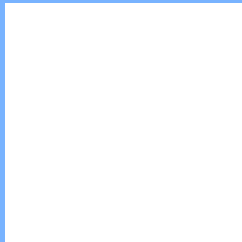
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4533, 0.2252, 0.2334

Background



This preview shows how black text looks on a background with the Yxy color 43.4533, 0.2252, 0.2334.



This preview shows how white text looks on a background with the Yxy color 43.4533, 0.2252, 0.2334.

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

43.4533, 0.2252, 0.2334

Protanopia

43.3686, 0.2433, 0.2347

Deuteranopia

43.2429, 0.2356, 0.2298



Tritanopia

43.5796, 0.2437, 0.3072

Trichromacy



Original Color

43.4533, 0.2252, 0.2334

Protanomaly

43.2637, 0.2361, 0.2337

Deuteranomaly

43.3390, 0.2316, 0.2312

Tritanomaly

43.2768, 0.2363, 0.2766

Monochromacy



Original Color

43.4533, 0.2252, 0.2334

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7796, 0.2739, 0.2906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4533, 0.2252, 0.2334 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(120, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(120, 179, 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(120, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.4533, 0.2252, 0.2334 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(120, 179, 255) }
```

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

```
.border{ border-color:rgb(120, 179, 255) }
```

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

Here you see how a box with a 4 pixel rgb(120, 179, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(120, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4533, 0.2252, 0.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 179, 255) }
```

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

```
.background{ background-color: rgb(120,  
179, 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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