

Converting Colors

Yxy(54.1724, 0.2394, 0.2479)

Have a look what the booklet for
Yxy(54.1724, 0.2394, 0.2479)
contains.

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Color

Yxy(53.6365, 0.2450, 0.2597)

Conversions

Conversions Part 1

Format	Color
Hex	96C5FF
RGB	150, 197, 255
RGB Percent	59%, 77%, 100%
CMY	0.4116, 0.2275, 0.0000
CMYK	0.41, 0.23, 0.00, 0.00
HSL	213°, 100%, 79%
HSV	213°, 41%, 100%
XYZ	50.6005, 53.6365, 102.2956
YIQ	189.5590, -46.6300, 8.0740

Conversions

Conversions Part 2

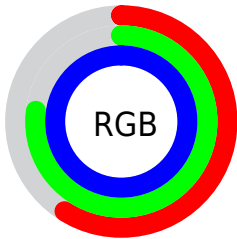
Format	Color
R _Y B	150, 182, 255
Decimal	9881087
CIE Lab	78.25, -1.01, -33.38
CIE LCh	78, 33.399, 268.267
Yxy	53.6365, 0.2450, 0.2597
Android (android.graphics.Color)	4288071167 (0xFF96C5FF)
YUV	189.5590, 32.2624, -34.6932
Hunter-Lab	73.2369, -4.8364, -31.5490

Details

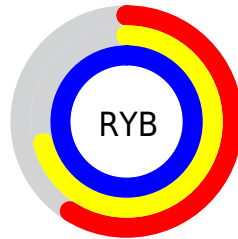
The Yxy color **53.6365, 0.2450, 0.2597** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.6033, 0.3930, 0.3889**, and the grayscale version is **51.0635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3690, 0.2843, 0.3279**, and **26.1018, 0.2283, 0.2419** is the 20% darker color. If you saturate the color by 10%, you get **45.3716, 0.2284, 0.2390**, and if you desaturate by 10%, it is **63.0298, 0.2620, 0.2791**.

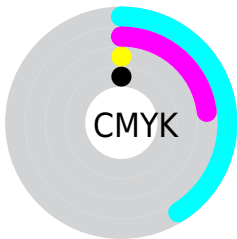
Distribution



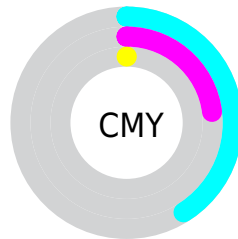
- Red (59%)
- Green (77%)
- Blue (100%)



- Red (59%)
- Yellow (71%)
- Blue (100%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6365, 0.2450, 0.2597 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 53.6365, 0.2450, 0.2597 by changing the saturation by 10% instead.

■ 53.6365, 0.2450,
0.2597

■ 53.6365, 0.2450,
0.2597

400.7224, 0.2772,
0.2927

■ 38.3111, 0.2375,
0.2520

■ 95.5403, 0.2563,
0.2713

■ 26.2243, 0.2283,
0.2425

■ 122.8875, 0.2606,
0.2758

■ 16.9915, 0.2166,
0.2304

155.0109, 0.2644,
0.2796

■ 10.2284, 0.2014,
0.2147

192.2946, 0.2676,
0.2829

■ 5.5507, 0.1809,
0.1934

235.1233, 0.2704,
0.2858

■ 2.5738, 0.1525,
0.1637

283.8812, 0.2729,

■ 0.9135, 0.1118,

0.2884

0.1211

338.9527, 0.2752,
0.2907

0.0000, 0.0000,
0.0000

53.6365, 0.2450,
0.2597

53.6365, 0.2450,
0.2597

45.3716, 0.2284,
0.2390

63.0298, 0.2620,
0.2791

38.1790, 0.2128,
0.2175

73.5932, 0.2789,
0.2969

32.0047, 0.1987,
0.1956

85.3725, 0.2953,
0.3130

26.7866, 0.1869,
0.1742

98.4092, 0.3110,
0.3274

22.4527, 0.1776,
0.1538

100.0000, 0.3127,
0.3290

■ 19.2679, 0.1715,
0.1372

Harmonies

Analogous

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



53.6365, 0.2314, 0.2779



53.6365, 0.2450, 0.2597



53.6365, 0.2762, 0.2591

Triad

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



53.6365, 0.2450, 0.2597



53.6365, 0.3943, 0.3364



53.6365, 0.3014, 0.3941

Complementary

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



53.6365, 0.2450, 0.2597



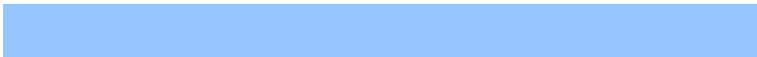
68.6033, 0.3930, 0.3889

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.



53.6365, 0.3455, 0.4095



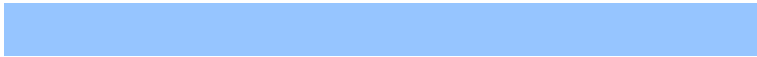
53.6365, 0.2450, 0.2597



53.6365, 0.4010, 0.3716

Square

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



53.6365, 0.2450, 0.2597



53.6365, 0.3635, 0.3018



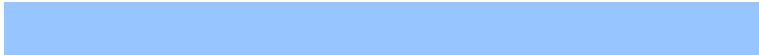
53.6365, 0.3825, 0.3994



53.6365, 0.2621, 0.3567

Rectangle

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



53.6365, 0.2450, 0.2597



53.6365, 0.3042, 0.2677



53.6365, 0.3825, 0.3994



53.6365, 0.3161, 0.4022

Sweetspot

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



53.6383, 0.2450, 0.2597



84.3311, 0.2939, 0.3117



82.5517, 0.2782, 0.3847



17.7088, 0.2918, 0.3097



0.0000, 0.0000, 0.0000



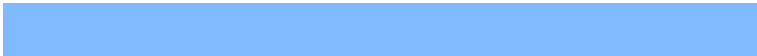
21.4041, 0.3127, 0.3290

Same Dimension

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



53.6383, 0.2450, 0.2597



47.0618, 0.2319, 0.2436



36.0469, 0.2391, 0.2026



18.7154, 0.2979, 0.3155



10.3556, 0.1723, 0.1402



1.2225, 0.1783, 0.1620

Inverse Universe

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



47.1197, 0.3705, 0.2805



40.7811, 0.3870, 0.2717



94.0019, 0.3708, 0.4324



18.1221, 0.3224, 0.3184



11.7734, 0.5188, 0.2631



1.1680, 0.4906, 0.2476

Previews

White Background



This preview shows how the Yxy color 53.6365, 0.2450, 0.2597 looks on a white background.

Color Contrast Check

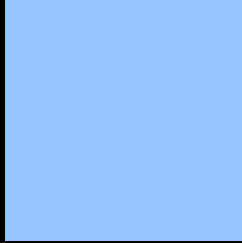
Large Text (above 18pt) WCAG AA × Fail

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 53.6365, 0.2450, 0.2597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

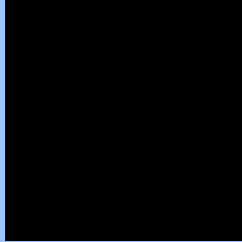
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

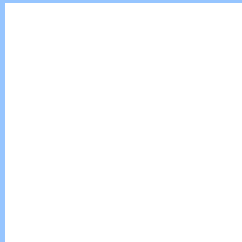
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6365, 0.2450, 0.2597

Background



This preview shows how black text looks on a background with the Yxy color 53.6365, 0.2450, 0.2597.



This preview shows how white text looks on a background with the Yxy color 53.6365, 0.2450, 0.2597.

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

53.6365, 0.2450, 0.2597

Protanopia

53.5108, 0.2629, 0.2605

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

53.5419, 0.2594, 0.3069

Trichromacy



Original Color

53.6365, 0.2450, 0.2597

Protanomaly

53.3837, 0.2557, 0.2597

Deuteranomaly

53.5754, 0.2541, 0.2566

Tritanomaly

53.5858, 0.2537, 0.2887

Monochromacy



Original Color

53.6365, 0.2450, 0.2597

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.1089, 0.2841, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6365, 0.2450, 0.2597 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(150, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 197, 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(150, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.6365, 0.2450, 0.2597 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(150, 197, 255) }
```

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

```
.border{ border-color:rgb(150, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6365, 0.2450, 0.2597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 197, 255) }
```

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

```
.background{ background-color: rgb(150,  
197, 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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