

Converting Colors

Yxy(53.6684, 0.2476, 0.2590)

Have a look what the booklet for
Yxy(53.6684, 0.2476, 0.2590)
contains.

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Color

Yxy(53.6684, 0.2476, 0.2590)

Conversions

Conversions Part 1

Format	Color
Hex	9BC4FF
RGB	155, 196, 255
RGB Percent	61%, 77%, 100%
CMY	0.3921, 0.2314, 0.0001
CMYK	0.39, 0.23, 0.00, 0.00
HSL	215°, 100%, 80%
HSV	215°, 39%, 100%
XYZ	51.3062, 53.6684, 102.2393
YIQ	190.4670, -43.3750, 9.6570

Conversions

Conversions Part 2

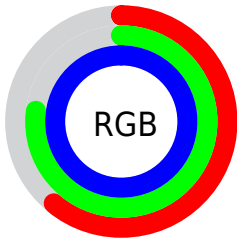
Format	Color
RYB	155, 184, 255
Decimal	10208511
CIELab	78.27, 0.78, -33.32
CIElCh	78, 33.325, 271.349
Yxy	53.6684, 0.2476, 0.2590
Android (android.graphics.Color)	4288398591 (0xFF9BC4FF)
YUV	190.4670, 31.8148, -31.1046
Hunter-Lab	73.2587, -3.1917, -31.4636

Details

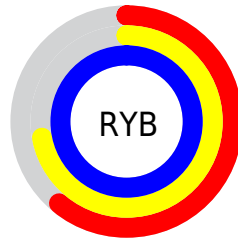
The Yxy color **53.6684, 0.2476, 0.2590** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.7101, 0.3869, 0.3897**, and the grayscale version is **51.6102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8379, 0.2870, 0.3258**, and **26.0759, 0.2311, 0.2409** is the 20% darker color. If you saturate the color by 10%, you get **44.9584, 0.2304, 0.2371**, and if you desaturate by 10%, it is **63.5955, 0.2649, 0.2795**.

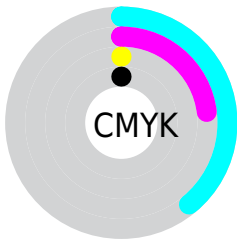
Distribution



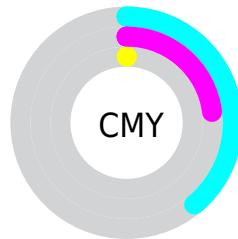
- Red (61%)
- Green (77%)
- Blue (100%)



- Red (61%)
- Yellow (72%)
- Blue (100%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6684, 0.2476, 0.2590 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 53.6684, 0.2476, 0.2590 by changing the saturation by 10% instead.

 53.6684, 0.2476,
0.2590


 53.6684, 0.2476,
0.2590

400.8443, 0.2786,
0.2922

 38.3366, 0.2404,
0.2513


 95.5872, 0.2585,
0.2706

 26.2441, 0.2315,
0.2418


 122.9430, 0.2627,
0.2751

 17.0063, 0.2201,
0.2297


155.0756, 0.2663,
0.2790

 10.2390, 0.2053,
0.2139

192.3694, 0.2694,
0.2824

 5.5577, 0.1854,
0.1927

235.2087, 0.2721,
0.2853

 2.5781, 0.1575,
0.1631

283.9781, 0.2745,

 0.9156, 0.1174,

0.2879

0.1207

339.0618, 0.2767,
0.2902

0.0000, 0.0000,
0.0000

53.6684, 0.2476,
0.2590

53.6684, 0.2476,
0.2590

44.9584, 0.2304,
0.2371

63.5955, 0.2649,
0.2795

37.4057, 0.2141,
0.2142

74.7835, 0.2820,
0.2982

30.9536, 0.1991,
0.1910

87.2813, 0.2984,
0.3151

25.5373, 0.1863,
0.1682

99.9983, 0.3127,
0.3290

21.0825, 0.1762,
0.1467

■ 17.4876, 0.1688,
0.1273

■ 17.2293, 0.1683,
0.1258

Harmonies

Analogous

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



53.6684, 0.2321, 0.2754



53.6684, 0.2476, 0.2590



53.6684, 0.2803, 0.2601

Triad

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



53.6684, 0.2476, 0.2590



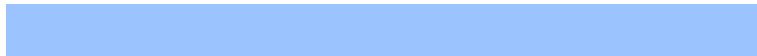
53.6684, 0.3960, 0.3400



53.6684, 0.2970, 0.3909

Complementary

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



53.6684, 0.2476, 0.2590



71.7101, 0.3869, 0.3897

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.



53.6684, 0.3411, 0.4090



53.6684, 0.2476, 0.2590



53.6684, 0.4000, 0.3749

Square

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



53.6684, 0.2476, 0.2590



53.6684, 0.3674, 0.3051



53.6684, 0.3792, 0.4013



53.6684, 0.2589, 0.3521

Rectangle

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



53.6684, 0.2476, 0.2590



53.6684, 0.3088, 0.2697



53.6684, 0.3792, 0.4013



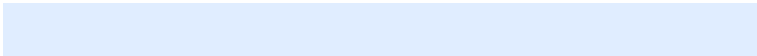
53.6684, 0.3116, 0.3998

Sweetspot

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



53.6704, 0.2476, 0.2590



83.6689, 0.2939, 0.3105



83.2943, 0.2779, 0.3775



17.5533, 0.2918, 0.3084



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.



53.6704, 0.2476, 0.2590



46.7858, 0.2342, 0.2420



38.4911, 0.2455, 0.2102



18.6009, 0.2979, 0.3146



9.2810, 0.1691, 0.1288



1.1123, 0.1753, 0.1511

Inverse Universe

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



48.6900, 0.3703, 0.2866



42.1028, 0.3875, 0.2784



93.5798, 0.3659, 0.4286



18.1106, 0.3230, 0.3193



11.6649, 0.5343, 0.2717



1.1568, 0.5045, 0.2553

Previews

White Background



This preview shows how the Yxy color 53.6684, 0.2476, 0.2590 looks on a white background.

Color Contrast Check

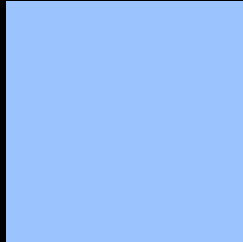
Large Text (above 18pt) WCAG AA × Fail

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 53.6684, 0.2476, 0.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

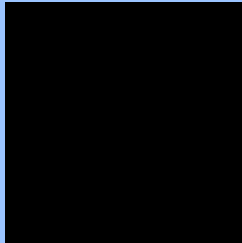
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

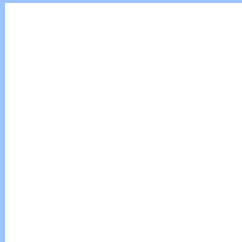
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.6684, 0.2476, 0.2590

Background



This preview shows how black text looks on a background with the Yxy color 53.6684, 0.2476, 0.2590.



This preview shows how white text looks on a background with the Yxy color 53.6684, 0.2476, 0.2590.

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

53.6684, 0.2476, 0.2590

Protanopia

53.5737, 0.2623, 0.2594

Deuteranopia

53.3940, 0.2599, 0.2542



Tritanopia

53.9373, 0.2629, 0.3083

Trichromacy



Original Color

53.6684, 0.2476, 0.2590

Protanomaly

53.6032, 0.2570, 0.2599

Deuteranomaly

53.3543, 0.2552, 0.2556

Tritanomaly

53.5243, 0.2570, 0.2888

Monochromacy



Original Color

53.6684, 0.2476, 0.2590

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9014, 0.2855, 0.3016

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6684, 0.2476, 0.2590 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(155, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(155, 196, 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(155, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.6684, 0.2476, 0.2590 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(155, 196, 255) }
```

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

```
.border{ border-color:rgb(155, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(155, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6684, 0.2476, 0.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 196, 255) }
```

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

```
.background{ background-color: rgb(155,  
196, 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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