

Converting Colors

Yxy(58.9411, 0.2402, 0.2363)

Have a look what the booklet for
Yxy(58.9411, 0.2402, 0.2363)
contains.

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Color

Yxy(56.7440, 0.2553, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	A7C8FF
RGB	167, 200, 255
RGB Percent	65%, 78%, 100%
CMY	0.3449, 0.2157, 0.0001
CMYK	0.34, 0.22, 0.00, 0.00
HSL	218°, 100%, 83%
HSV	218°, 34%, 100%
XYZ	54.6463, 56.7440, 102.6572
YIQ	196.4030, -37.3230, 10.1090

Conversions

Conversions Part 2

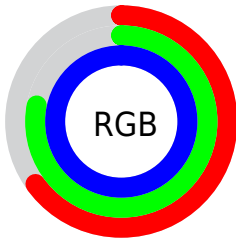
Format	Color
R _Y B	167, 191, 255
Decimal	10995967
CIE Lab	80.04, 1.82, -30.53
CIE LCh	80, 30.589, 273.403
Yxy	56.7440, 0.2553, 0.2651
Android (android.graphics.Color)	4289186047 (0xFFA7C8FF)
YUV	196.4030, 28.8883, -25.7864
Hunter-Lab	75.3286, -2.3342, -28.0699

Details

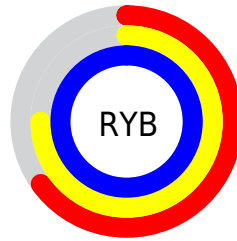
The Yxy color **56.7440, 0.2553, 0.2651** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.3129, 0.3754, 0.3853**, and the grayscale version is **55.3035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5873, 0.2940, 0.3289**, and **28.0797, 0.2411, 0.2493** is the 20% darker color. If you saturate the color by 10%, you get **47.2313, 0.2376, 0.2425**, and if you desaturate by 10%, it is **67.5790, 0.2728, 0.2860**.

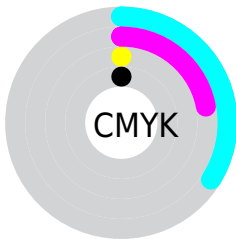
Distribution



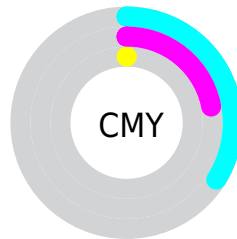
- Red (65%)
- Green (78%)
- Blue (100%)



- Red (65%)
- Yellow (75%)
- Blue (100%)



- Cyan (34%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (34%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7440, 0.2553, 0.2651 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 56.7440, 0.2553, 0.2651 by changing the saturation by 10% instead.


 56.7440, 0.2553,
0.2651

 56.7440, 0.2553,
0.2651


412.4894, 0.2825,
0.2952

 40.7997, 0.2490,
0.2582


 100.0916, 0.2648,
0.2756

 28.1626, 0.2412,
0.2496


 128.2636, 0.2685,
0.2797

 18.4483, 0.2312,
0.2387


161.2805, 0.2717,
0.2832

 11.2723, 0.2182,
0.2245

199.5264, 0.2744,
0.2862

 6.2503, 0.2007,
0.2054

243.3859, 0.2768,
0.2889

 2.9979, 0.1759,
0.1787

293.2433, 0.2789,

 1.1306, 0.1393,

0.2913

0.1396

349.4830, 0.2808,
0.2933

0.0039, 0.0176,
0.0014

0.0000, 0.0000,
0.0000

56.7440, 0.2553,
0.2651

56.7440, 0.2553,
0.2651

47.2313, 0.2376,
0.2425

67.5790, 0.2728,
0.2860

38.9785, 0.2203,
0.2186

79.7818, 0.2898,
0.3050

31.9274, 0.2041,
0.1941

93.4037, 0.3059,
0.3220

26.0117, 0.1898,
0.1698

99.9983, 0.3127,
0.3290

■ 21.1570, 0.1780,
0.1468

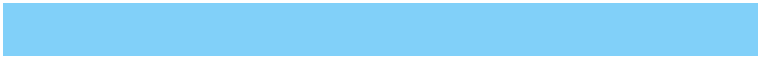
■ 17.2766, 0.1692,
0.1259

■ 15.4951, 0.1654,
0.1156

Harmonies

Analogous

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



56.7440, 0.2399, 0.2792



56.7440, 0.2553, 0.2651



56.7440, 0.2860, 0.2670

Triad

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



56.7440, 0.2553, 0.2651



56.7440, 0.3886, 0.3417



56.7440, 0.2961, 0.3825

Complementary

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



56.7440, 0.2553, 0.2651



76.3129, 0.3754, 0.3853

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.



56.7440, 0.3359, 0.4003



56.7440, 0.2553, 0.2651



56.7440, 0.3908, 0.3729

Square

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



56.7440, 0.2553, 0.2651



56.7440, 0.3643, 0.3096



56.7440, 0.3709, 0.3955



56.7440, 0.2622, 0.3472

Rectangle

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



56.7440, 0.2553, 0.2651



56.7440, 0.3122, 0.2763



56.7440, 0.3709, 0.3955



56.7440, 0.3092, 0.3909

Sweetspot

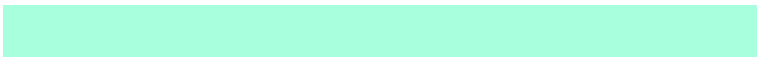
The Sweet Spot groups the original color and five complimentary colors.



56.7462, 0.2553, 0.2651



85.7239, 0.2971, 0.3129



84.9608, 0.2801, 0.3673



17.9439, 0.2948, 0.3104



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.



56.7462, 0.2553, 0.2651



50.4065, 0.2437, 0.2505



44.2634, 0.2570, 0.2272



18.4925, 0.2979, 0.3137



8.3610, 0.1663, 0.1186



1.0157, 0.1725, 0.1410

Inverse Universe

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



53.0853, 0.3638, 0.2949



46.9174, 0.3778, 0.2884



93.6574, 0.3578, 0.4174



18.0996, 0.3235, 0.3201



11.5720, 0.5487, 0.2796



1.1471, 0.5177, 0.2626

Previews

White Background



This preview shows how the Yxy color 56.7440, 0.2553, 0.2651 looks on a white background.

Color Contrast Check

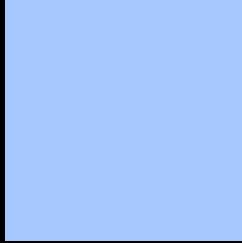
Large Text (above 18pt) WCAG AA × Fail

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 56.7440, 0.2553, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

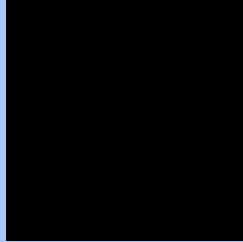
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

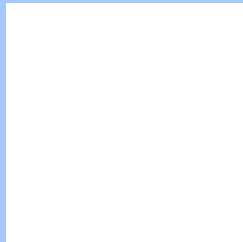
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7440, 0.2553, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 56.7440, 0.2553, 0.2651.



This preview shows how white text looks on a background with the Yxy color 56.7440, 0.2553, 0.2651.

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

56.7440, 0.2553, 0.2651

Protanopia

56.6985, 0.2670, 0.2652

Deuteranopia

56.8150, 0.2671, 0.2614



Tritanopia

56.7875, 0.2696, 0.3090

Trichromacy



Original Color

56.7440, 0.2553, 0.2651

Protanomaly

56.4893, 0.2627, 0.2647

Deuteranomaly

56.8558, 0.2628, 0.2629

Tritanomaly

56.8076, 0.2643, 0.2924

Monochromacy



Original Color

56.7440, 0.2553, 0.2651

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2565, 0.2896, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7440, 0.2553, 0.2651 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(167, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 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(167, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.7440, 0.2553, 0.2651 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(167, 200, 255) }
```

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

```
.border{ border-color:rgb(167, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7440, 0.2553, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 255) }
```

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

```
.background{ background-color: rgb(167,  
200, 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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