

Converting Colors

$Yxy(52.9693, 0.2532, 0.2552)$

Have a look what the booklet for
Yxy(52.9693, 0.2532, 0.2552)
contains.

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Color

Yxy(53.0263, 0.2533, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	A6C0FF
RGB	166, 192, 255
RGB Percent	65%, 75%, 100%
CMY	0.3494, 0.2470, 0.0000
CMYK	0.35, 0.25, 0.00, 0.00
HSL	222°, 100%, 83%
HSV	222°, 35%, 100%
XYZ	52.6109, 53.0263, 102.0647
YIQ	191.4080, -35.7190, 14.0810

Conversions

Conversions Part 2

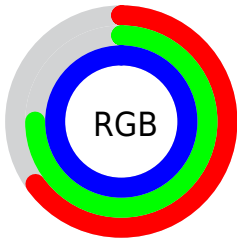
Format	Color
RYB	166, 186, 255
Decimal	10928383
CIELab	77.89, 5.83, -33.85
CIElCh	78, 34.354, 279.776
Yxy	53.0263, 0.2533, 0.2553
Android (android.graphics.Color)	4289118463 (0xFFA6C0FF)
YUV	191.4080, 31.3509, -22.2828
Hunter-Lab	72.8192, 1.5304, -32.1286

Details

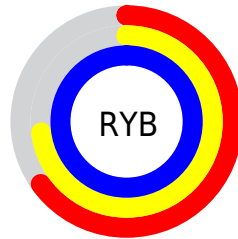
The Yxy color **53.0263, 0.2533, 0.2553** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.9832, 0.3739, 0.3929**, and the grayscale version is **52.1725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0428, 0.2933, 0.3219**, and **25.9220, 0.2384, 0.2379** is the 20% darker color. If you saturate the color by 10%, you get **43.1039, 0.2347, 0.2296**, and if you desaturate by 10%, it is **64.4684, 0.2715, 0.2792**.

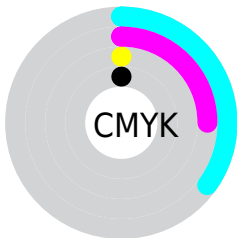
Distribution



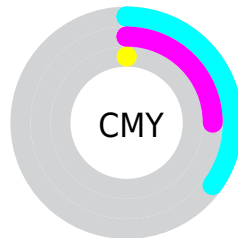
- Red (65%)
- Green (75%)
- Blue (100%)



- Red (65%)
- Yellow (73%)
- Blue (100%)



- Cyan (35%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (35%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0263, 0.2533, 0.2553 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 53.0263, 0.2533, 0.2553 by changing the saturation by 10% instead.


 53.0263, 0.2533,
0.2553


 53.0263, 0.2533,
0.2553

398.3860, 0.2818,
0.2900

 37.8238, 0.2466,
0.2473


 94.6431, 0.2633,
0.2674

 25.8459, 0.2383,
0.2374


 121.8261, 0.2672,
0.2721

 16.7084, 0.2277,
0.2250


153.7714, 0.2705,
0.2762

 10.0268, 0.2138,
0.2088

190.8634, 0.2734,
0.2797

 5.4167, 0.1949,
0.1872

233.4864, 0.2759,
0.2827

 2.4938, 0.1681,
0.1573

282.0250, 0.2781,

 0.8735, 0.1288,

0.2855

0.1149

336.8634, 0.2801,
0.2879

0.0000, 0.0000,
0.0000

53.0263, 0.2533,
0.2553

53.0263, 0.2533,
0.2553

43.1039, 0.2347,
0.2296

64.4684, 0.2715,
0.2792

34.6278, 0.2164,
0.2026

77.4870, 0.2889,
0.3009

27.5272, 0.1992,
0.1752

92.1434, 0.3052,
0.3203

21.7221, 0.1841,
0.1488

99.9997, 0.3127,
0.3290

17.1231, 0.1718,
0.1246

■ 13.6261, 0.1630,
0.1039

■ 12.2173, 0.1597,
0.0950

Harmonies

Analogous

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



53.0263, 0.2320, 0.2669



53.0263, 0.2533, 0.2553



53.0263, 0.2911, 0.2613

Triad

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



53.0263, 0.2533, 0.2553



53.0263, 0.4029, 0.3507



53.0263, 0.2842, 0.3835

Complementary

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



53.0263, 0.2533, 0.2553



79.9832, 0.3739, 0.3929

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.



53.0263, 0.3292, 0.4095



53.0263, 0.2533, 0.2553



53.0263, 0.3993, 0.3852

Square

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



53.0263, 0.2533, 0.2553



53.0263, 0.3798, 0.3140



53.0263, 0.3716, 0.4084



53.0263, 0.2486, 0.3399

Rectangle

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



53.0263, 0.2533, 0.2553



53.0263, 0.3219, 0.2738



53.0263, 0.3716, 0.4084



53.0263, 0.2987, 0.3949

Sweetspot

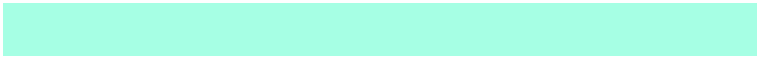
The Sweet Spot groups the original color and five complimentary colors.



53.0283, 0.2533, 0.2553



84.5141, 0.2971, 0.3107



85.2311, 0.2760, 0.3591



17.6525, 0.2948, 0.3080



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.



53.0283, 0.2533, 0.2553



45.8646, 0.2402, 0.2373



44.6183, 0.2614, 0.2271



18.2452, 0.2979, 0.3117



6.6068, 0.1605, 0.0977



0.8225, 0.1666, 0.1196

Inverse Universe

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



52.3075, 0.3715, 0.3019



45.6750, 0.3892, 0.2964



92.3022, 0.3533, 0.4202



18.0747, 0.3248, 0.3221



11.3949, 0.5793, 0.2965



1.1276, 0.5473, 0.2788

Previews

White Background



This preview shows how the Yxy color 53.0263, 0.2533, 0.2553 looks on a white background.

Color Contrast Check

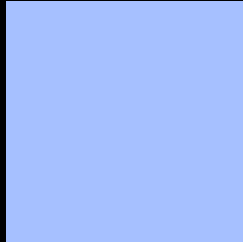
Large Text (above 18pt) WCAG AA × Fail

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 53.0263, 0.2533, 0.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

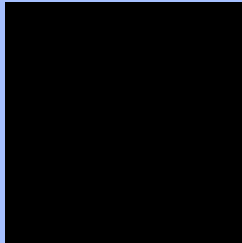
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

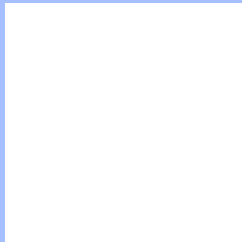
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0263, 0.2533, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 53.0263, 0.2533, 0.2553.



This preview shows how white text looks on a background with the Yxy color 53.0263, 0.2533, 0.2553.

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

53.0263, 0.2533, 0.2553

Protanopia

53.0327, 0.2598, 0.2560

Deuteranopia

52.8453, 0.2592, 0.2529



Tritanopia

52.9212, 0.2716, 0.3085

Trichromacy



Original Color

53.0263, 0.2533, 0.2553

Protanomaly

53.1880, 0.2575, 0.2558

Deuteranomaly

52.8176, 0.2568, 0.2536

Tritanomaly

52.6666, 0.2642, 0.2868

Monochromacy



Original Color

53.0263, 0.2533, 0.2553

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0617, 0.2891, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0263, 0.2533, 0.2553 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(166, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 192, 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(166, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 192, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.0263, 0.2533, 0.2553 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(166, 192, 255) }
```

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

```
.border{ border-color:rgb(166, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 192,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0263, 0.2533, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 192, 255) }
```

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

```
.background{ background-color: rgb(166,  
192, 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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