

Converting Colors

$Yxy(56.7795, 0.2376, 0.2228)$

Have a look what the booklet for
Yxy(56.7795, 0.2376, 0.2228)
contains.

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Color

Yxy(53.9060, 0.2560, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	AAC1FF
RGB	170, 193, 255
RGB Percent	67%, 76%, 100%
CMY	0.3332, 0.2431, 0.0002
CMYK	0.33, 0.24, 0.00, 0.00
HSL	224°, 100%, 83%
HSV	224°, 33%, 100%
XYZ	53.6962, 53.9060, 102.1487
YIQ	193.1910, -33.6100, 14.4060

Conversions

Conversions Part 2

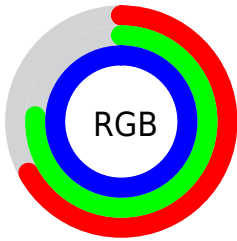
Format	Color
R_YB	170, 188, 255
Decimal	11190783
CIE Lab	78.41, 6.41, -33.02
CIE LCh	78, 33.635, 280.989
Yxy	53.9060, 0.2560, 0.2570
Android (android.graphics.Color)	4289380863 (0xFFAAC1FF)
YUV	193.1910, 30.4718, -20.3385
Hunter-Lab	73.4207, 2.0598, -31.0945

Details

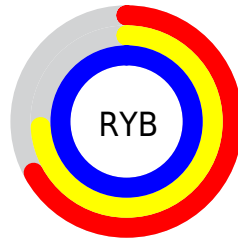
The Yxy color **53.9060, 0.2560, 0.2570** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8610, 0.3701, 0.3917**, and the grayscale version is **53.2820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3023, 0.2957, 0.3229**, and **26.4782, 0.2416, 0.2402** is the 20% darker color. If you saturate the color by 10%, you get **43.6234, 0.2372, 0.2307**, and if you desaturate by 10%, it is **65.7780, 0.2743, 0.2813**.

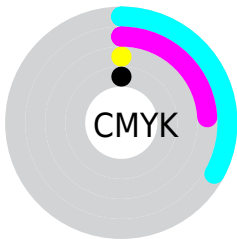
Distribution



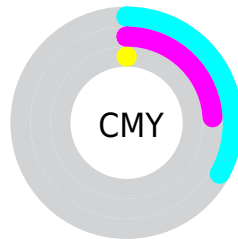
- Red (67%)
- Green (76%)
- Blue (100%)



- Red (67%)
- Yellow (74%)
- Blue (100%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9060, 0.2560, 0.2570 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 53.9060, 0.2560, 0.2570 by changing the saturation by 10% instead.

■ 53.9060, 0.2560,
0.2570

■ 53.9060, 0.2560,
0.2570

401.7515, 0.2832,
0.2909

■ 38.5265, 0.2496,
0.2492

■ 95.9362, 0.2656,
0.2688

■ 26.3916, 0.2417,
0.2396

123.3557, 0.2693,
0.2734

■ 17.1168, 0.2316,
0.2275

155.5574, 0.2724,
0.2773

■ 10.3178, 0.2183,
0.2118

192.9256, 0.2752,
0.2807

■ 5.6102, 0.2002,
0.1908

235.8447, 0.2775,
0.2837

■ 2.6095, 0.1745,
0.1617

284.6991, 0.2797,

■ 0.9315, 0.1364,

0.2864

0.1201

339.8732, 0.2815,
0.2887

0.0000, 0.0000,
0.0000

53.9060, 0.2560,
0.2570

53.9060, 0.2560,
0.2570

43.6234, 0.2372,
0.2307

65.7780, 0.2743,
0.2813

34.8536, 0.2185,
0.2030

79.2987, 0.2916,
0.3034

27.5229, 0.2008,
0.1749

94.5320, 0.3077,
0.3230

21.5483, 0.1850,
0.1478

99.9975, 0.3127,
0.3290

16.8372, 0.1721,
0.1229

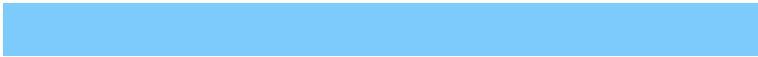
■ 13.2830, 0.1628,
0.1017

■ 11.4701, 0.1584,
0.0901

Harmonies

Analogous

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



53.9060, 0.2344, 0.2677



53.9060, 0.2560, 0.2570



53.9060, 0.2934, 0.2635

Triad

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



53.9060, 0.2560, 0.2570



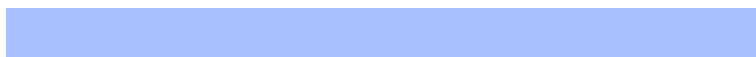
53.9060, 0.4009, 0.3517



53.9060, 0.2833, 0.3805

Complementary

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



53.9060, 0.2560, 0.2570



81.8610, 0.3701, 0.3917

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.



53.9060, 0.3270, 0.4067



53.9060, 0.2560, 0.2570



53.9060, 0.3964, 0.3851

Square

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



53.9060, 0.2560, 0.2570



53.9060, 0.3793, 0.3158



53.9060, 0.3687, 0.4069



53.9060, 0.2491, 0.3378

Rectangle

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



53.9060, 0.2560, 0.2570



53.9060, 0.3235, 0.2761



53.9060, 0.3687, 0.4069



53.9060, 0.2974, 0.3918

Sweetspot

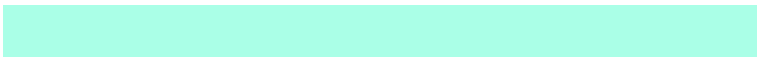
The Sweet Spot groups the original color and five complimentary colors.



53.9081, 0.2560, 0.2570



84.1808, 0.2971, 0.3101



85.8080, 0.2768, 0.3559



17.5723, 0.2948, 0.3073



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.



53.9081, 0.2560, 0.2570



46.8745, 0.2434, 0.2396



46.7235, 0.2653, 0.2327



18.1771, 0.2979, 0.3111



6.2050, 0.1591, 0.0927



0.7759, 0.1650, 0.1141

Inverse Universe

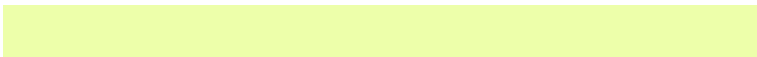
The Inverse Universe completely reimagines the original color for something new.



53.8629, 0.3696, 0.3052



47.3619, 0.3863, 0.3003



92.3272, 0.3506, 0.4161



18.0678, 0.3252, 0.3226



11.3544, 0.5870, 0.3007



1.1229, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 53.9060, 0.2560, 0.2570 looks on a white background.

Color Contrast Check

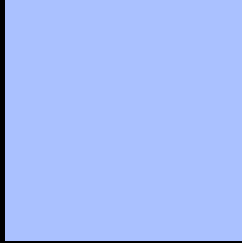
Large Text (above 18pt) WCAG AA × Fail

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 53.9060, 0.2560, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

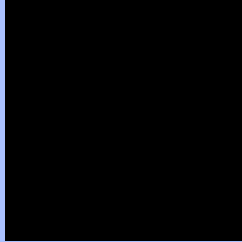
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9060, 0.2560, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 53.9060, 0.2560, 0.2570.



This preview shows how white text looks on a background with the Yxy color 53.9060, 0.2560, 0.2570.

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

53.9060, 0.2560, 0.2570

Protanopia

53.7645, 0.2606, 0.2564

Deuteranopia

54.0653, 0.2614, 0.2557



Tritanopia

53.8435, 0.2737, 0.3087

Trichromacy



Original Color

53.9060, 0.2560, 0.2570

Protanomaly

53.8537, 0.2589, 0.2572

Deuteranomaly

54.1494, 0.2596, 0.2565

Tritanomaly

53.5382, 0.2669, 0.2883

Monochromacy



Original Color

53.9060, 0.2560, 0.2570

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4121, 0.2901, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9060, 0.2560, 0.2570 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(170, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 193, 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(170, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.9060, 0.2560, 0.2570 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(170, 193, 255) }
```

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

```
.border{ border-color:rgb(170, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9060, 0.2560, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 193, 255) }
```

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

```
.background{ background-color: rgb(170,  
193, 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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