

Converting Colors

$Yxy(55.7056, 0.2362, 0.2138)$

Have a look what the booklet for
Yxy(55.7056, 0.2362, 0.2138)
contains.

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Color

Yxy(52.6139, 0.2579, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	AEBDFF
RGB	174, 189, 255
RGB Percent	68%, 74%, 100%
CMY	0.3174, 0.2589, 0.0000
CMYK	0.32, 0.26, 0.00, 0.00
HSL	229°, 100%, 84%
HSV	229°, 32%, 100%
XYZ	53.7178, 52.6139, 101.9577
YIQ	192.0390, -30.1260, 17.3460

Conversions

Conversions Part 2

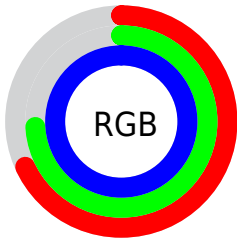
Format	Color
RYB	174, 187, 255
Decimal	11451903
CIELab	77.65, 9.74, -34.21
CIElCh	78, 35.568, 285.901
Yxy	52.6139, 0.2579, 0.2526
Android (android.graphics.Color)	4289641983 (0xFFAEBDFF)
YUV	192.0390, 31.0398, -15.8202
Hunter-Lab	72.5354, 5.2554, -32.5647

Details

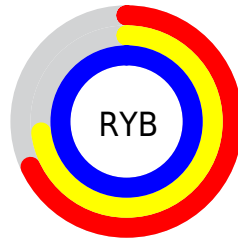
The Yxy color **52.6139, 0.2579, 0.2526** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.6900, 0.3650, 0.3952**, and the grayscale version is **52.5703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5137, 0.2981, 0.3190**, and **25.6075, 0.2437, 0.2345** is the 20% darker color. If you saturate the color by 10%, you get **41.6411, 0.2383, 0.2235**, and if you desaturate by 10%, it is **65.4261, 0.2767, 0.2796**.

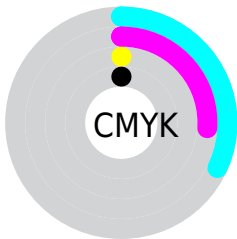
Distribution



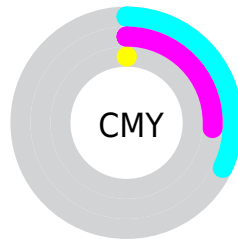
- Red (68%)
- Green (74%)
- Blue (100%)



- Red (68%)
- Yellow (73%)
- Blue (100%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6139, 0.2579, 0.2526 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 52.6139, 0.2579, 0.2526 by changing the saturation by 10% instead.

■ 52.6139, 0.2579,
0.2526

■ 52.6139, 0.2579,
0.2526

■ 396.8020, 0.2844,
0.2884

■ 37.4946, 0.2517,
0.2444

■ 94.0360, 0.2673,
0.2651

■ 25.5907, 0.2438,
0.2343

■ 121.1076, 0.2709,
0.2699

■ 16.5177, 0.2339,
0.2216

■ 152.9321, 0.2739,
0.2741

■ 9.8912, 0.2207,
0.2051

■ 189.8939, 0.2766,
0.2777

■ 5.3269, 0.2027,
0.1833

■ 232.3774, 0.2789,
0.2809

■ 2.4403, 0.1769,
0.1532

■ 280.7670, 0.2809,

■ 0.8465, 0.1386,

0.2837

0.1108

335.4471, 0.2828,
0.2862

0.0000, 0.0000,
0.0000

52.6139, 0.2579,
0.2526

52.6139, 0.2579,
0.2526

41.6411, 0.2383,
0.2235

65.4261, 0.2767,
0.2796

32.4217, 0.2185,
0.1929

80.1578, 0.2942,
0.3039

24.8628, 0.1995,
0.1623

96.8845, 0.3101,
0.3255

18.8626, 0.1826,
0.1332

100.0000, 0.3127,
0.3290

14.3074, 0.1689,
0.1076

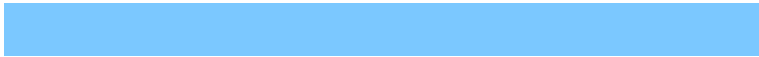
■ 11.0667, 0.1591,
0.0872

■ 9.2521, 0.1541,
0.0748

Harmonies

Analogous

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



52.6139, 0.2321, 0.2606



52.6139, 0.2579, 0.2526



52.6139, 0.2997, 0.2623

Triad

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



52.6139, 0.2579, 0.2526



52.6139, 0.4079, 0.3590



52.6139, 0.2744, 0.3774

Complementary

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



52.6139, 0.2579, 0.2526



86.6900, 0.3650, 0.3952

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.



52.6139, 0.3199, 0.4095



52.6139, 0.2579, 0.2526



52.6139, 0.3984, 0.3933

Square

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



52.6139, 0.2579, 0.2526



52.6139, 0.3893, 0.3209



52.6139, 0.3655, 0.4139



52.6139, 0.2408, 0.3304

Rectangle

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



52.6139, 0.2579, 0.2526



52.6139, 0.3322, 0.2771



52.6139, 0.3655, 0.4139



52.6139, 0.2887, 0.3907

Sweetspot

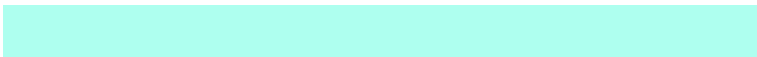
The Sweet Spot groups the original color and five complimentary colors.



52.6139, 0.2579, 0.2526



82.9193, 0.2971, 0.3079



86.7475, 0.2749, 0.3468



17.2691, 0.2947, 0.3047



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.



52.6139, 0.2579, 0.2526



45.5326, 0.2457, 0.2346



49.5717, 0.2729, 0.2391



17.9191, 0.2979, 0.3090



4.9889, 0.1547, 0.0769



0.6242, 0.1598, 0.0953

Inverse Universe

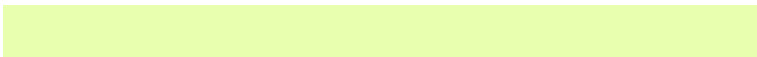
The Inverse Universe completely reimagines the original color for something new.



55.2319, 0.3723, 0.3136



48.8807, 0.3894, 0.3104



91.5211, 0.3443, 0.4132



18.0417, 0.3265, 0.3246



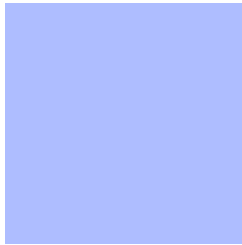
11.2316, 0.6120, 0.3145



1.1076, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 52.6139, 0.2579, 0.2526 looks on a white background.

Color Contrast Check

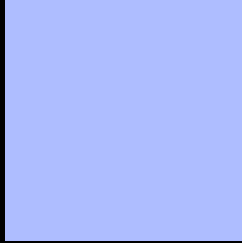
Large Text (above 18pt) WCAG AA × Fail

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 52.6139, 0.2579, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

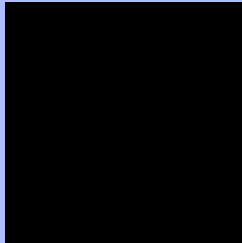
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6139, 0.2579, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 52.6139, 0.2579, 0.2526.



This preview shows how white text looks on a background with the Yxy color 52.6139, 0.2579, 0.2526.

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

52.6139, 0.2579, 0.2526

Protanopia

52.4994, 0.2572, 0.2525

Deuteranopia

52.7292, 0.2585, 0.2528



Tritanopia

52.7359, 0.2780, 0.3087

Trichromacy



Original Color

52.6139, 0.2579, 0.2526

Protanomaly

52.4994, 0.2572, 0.2525

Deuteranomaly

52.7292, 0.2585, 0.2528

Tritanomaly

52.5098, 0.2704, 0.2871

Monochromacy



Original Color

52.6139, 0.2579, 0.2526

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4822, 0.2907, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6139, 0.2579, 0.2526 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(174, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 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(174, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 52.6139, 0.2579, 0.2526 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(174, 189, 255) }
```

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

```
.border{ border-color:rgb(174, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6139, 0.2579, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 255) }
```

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

```
.background{ background-color: rgb(174,  
189, 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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