

Converting Colors

$Yxy(55.6817, 0.2542, 0.2625)$

Have a look what the booklet for
Yxy(55.6817, 0.2542, 0.2625)
contains.

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Color

Yxy(55.7152, 0.2543, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	A6C6FF
RGB	166, 198, 255
RGB Percent	65%, 78%, 100%
CMY	0.3493, 0.2234, 0.0001
CMYK	0.35, 0.22, 0.00, 0.00
HSL	218°, 100%, 83%
HSV	218°, 35%, 100%
XYZ	53.9542, 55.7152, 102.4981
YIQ	194.9300, -37.3690, 10.9430

Conversions

Conversions Part 2

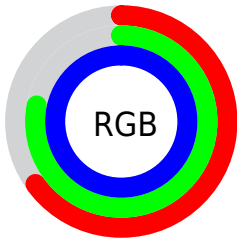
Format	Color
RYB	166, 190, 255
Decimal	10929919
CIELab	79.45, 2.57, -31.44
CIElCh	79, 31.545, 274.673
Yxy	55.7152, 0.2543, 0.2626
Android (android.graphics.Color)	4289119999 (0xFFA6C6FF)
YUV	194.9300, 29.6145, -25.3716
Hunter-Lab	74.6426, -1.5987, -29.1663

Details

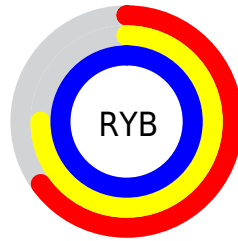
The Yxy color **55.7152, 0.2543, 0.2626** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.7137, 0.3759, 0.3873**, and the grayscale version is **54.3595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **27.4032, 0.2398, 0.2459** is the 20% darker color. If you saturate the color by 10%, you get **46.1725, 0.2364, 0.2394**, and if you desaturate by 10%, it is **66.6109, 0.2720, 0.2841**.

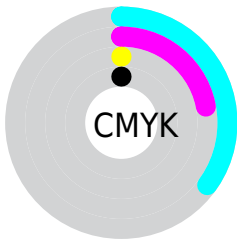
Distribution



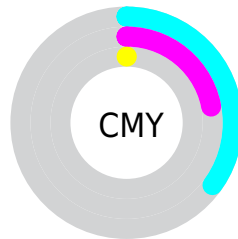
- Red (65%)
- Green (78%)
- Blue (100%)



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



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7152, 0.2543, 0.2626 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 55.7152, 0.2543, 0.2626 by changing the saturation by 10% instead.

■ 55.7152, 0.2543,
0.2626

■ 55.7152, 0.2543,
0.2626

408.6173, 0.2821,
0.2939

■ 39.9746, 0.2478,
0.2554

■ 98.5880, 0.2640,
0.2735

■ 27.5188, 0.2398,
0.2464

■ 126.4891, 0.2678,
0.2778

■ 17.9632, 0.2297,
0.2351

159.2125, 0.2710,
0.2814

■ 10.9236, 0.2163,
0.2204

197.1425, 0.2738,
0.2846

■ 6.0155, 0.1983,
0.2006

240.6636, 0.2763,
0.2873

■ 2.8545, 0.1729,
0.1730

290.1602, 0.2784,

■ 1.0562, 0.1354,

0.2898

0.1329

346.0166, 0.2803,
0.2920

0.0000, 0.0019,
0.0000

0.0000, 0.0000,
0.0000

55.7152, 0.2543,
0.2626

55.7152, 0.2543,
0.2626

46.1725, 0.2364,
0.2394

66.6109, 0.2720,
0.2841

37.9185, 0.2190,
0.2149

78.9071, 0.2890,
0.3036

30.8930, 0.2027,
0.1899

92.6566, 0.3052,
0.3211

25.0274, 0.1883,
0.1652

99.9985, 0.3127,
0.3290

■ 20.2446, 0.1765,
0.1420

■ 16.4547, 0.1678,
0.1212

■ 14.8588, 0.1644,
0.1117

Harmonies

Analogous

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



55.7152, 0.2377, 0.2764



55.7152, 0.2543, 0.2626



55.7152, 0.2866, 0.2653

Triad

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



55.7152, 0.2543, 0.2626



55.7152, 0.3921, 0.3434



55.7152, 0.2937, 0.3833

Complementary

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



55.7152, 0.2543, 0.2626



76.7137, 0.3759, 0.3873

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.



55.7152, 0.3350, 0.4029



55.7152, 0.2543, 0.2626



55.7152, 0.3933, 0.3756

Square

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



55.7152, 0.2543, 0.2626



55.7152, 0.3677, 0.3102



55.7152, 0.3717, 0.3985



55.7152, 0.2592, 0.3461

Rectangle

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



55.7152, 0.2543, 0.2626



55.7152, 0.3139, 0.2753



55.7152, 0.3717, 0.3985



55.7152, 0.3073, 0.3924

Sweetspot

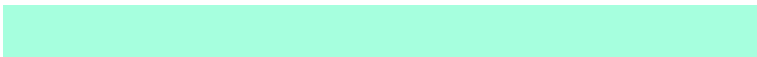
The Sweet Spot groups the original color and five complimentary colors.



55.7174, 0.2543, 0.2626



85.5136, 0.2971, 0.3125



84.8955, 0.2790, 0.3661



17.8932, 0.2948, 0.3100



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.



55.7174, 0.2543, 0.2626



48.8394, 0.2417, 0.2463



43.9036, 0.2572, 0.2259



18.4495, 0.2979, 0.3134



8.0221, 0.1652, 0.1147



0.9794, 0.1714, 0.1371

Inverse Universe

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



52.5783, 0.3659, 0.2957



45.9753, 0.3817, 0.2889



93.3290, 0.3574, 0.4189



18.0953, 0.3237, 0.3205



11.5378, 0.5542, 0.2827



1.1434, 0.5229, 0.2654

Previews

White Background



This preview shows how the Yxy color 55.7152, 0.2543, 0.2626 looks on a white background.

Color Contrast Check

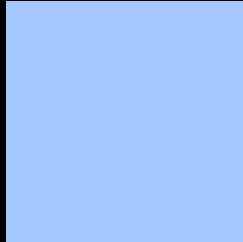
Large Text (above 18pt) WCAG AA × Fail

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 55.7152, 0.2543, 0.2626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

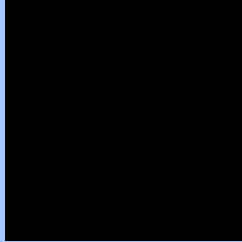
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

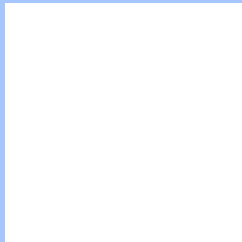
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7152, 0.2543, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 55.7152, 0.2543, 0.2626.



This preview shows how white text looks on a background with the Yxy color 55.7152, 0.2543, 0.2626.

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

55.7152, 0.2543, 0.2626

Protanopia

55.4356, 0.2648, 0.2625

Deuteranopia

55.5503, 0.2649, 0.2587



Tritanopia

55.6753, 0.2693, 0.3076

Trichromacy



Original Color

55.7152, 0.2543, 0.2626

Protanomaly

55.3522, 0.2611, 0.2621

Deuteranomaly

55.5973, 0.2606, 0.2602

Tritanomaly

55.7013, 0.2640, 0.2910

Monochromacy



Original Color

55.7152, 0.2543, 0.2626

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6800, 0.2888, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7152, 0.2543, 0.2626 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.7152, 0.2543, 0.2626 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, 198, 255) }
```

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

```
.border{ border-color:rgb(166, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7152, 0.2543, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 255) }
```

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

```
.background{ background-color: rgb(166,  
198, 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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