

Converting Colors

Yxy(56.4496, 0.2447, 0.2539)

Have a look what the booklet for
Yxy(56.4496, 0.2447, 0.2539)
contains.

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Color

Yxy(55.6967, 0.2495, 0.2641)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8FF
RGB	157, 200, 255
RGB Percent	62%, 78%, 100%
CMY	0.3840, 0.2157, 0.0000
CMYK	0.38, 0.22, 0.00, 0.00
HSL	214°, 100%, 81%
HSV	214°, 38%, 100%
XYZ	52.6177, 55.6967, 102.5781
YIQ	193.4130, -43.2830, 7.9890

Conversions

Conversions Part 2

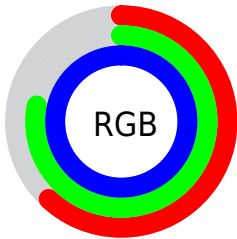
Format	Color
R _Y B	157, 187, 255
Decimal	10340607
CIE Lab	79.44, -0.83, -31.51
CIE LCh	79, 31.520, 268.488
Yxy	55.6967, 0.2495, 0.2641
Android (android.graphics.Color)	4288530687 (0xFF9DC8FF)
YUV	193.4130, 30.3624, -31.9342
Hunter-Lab	74.6302, -4.7523, -29.2520

Details

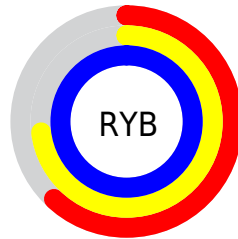
The Yxy color **55.6967, 0.2495, 0.2641** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8199, 0.3862, 0.3858**, and the grayscale version is **53.4297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **27.4017, 0.2336, 0.2478** is the 20% darker color. If you saturate the color by 10%, you get **47.0683, 0.2326, 0.2434**, and if you desaturate by 10%, it is **65.4861, 0.2666, 0.2834**.

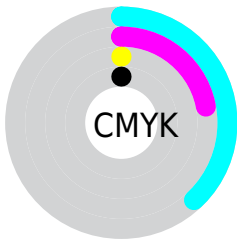
Distribution



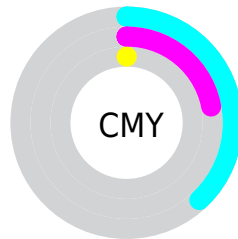
- Red (62%)
- Green (78%)
- Blue (100%)



- Red (62%)
- Yellow (73%)
- Blue (100%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)




- Cyan (38%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6967, 0.2495, 0.2641 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 55.6967, 0.2495, 0.2641 by changing the saturation by 10% instead.

 55.6967, 0.2495,
0.2641

 55.6967, 0.2495,
0.2641

408.5475, 0.2794,
0.2949

 39.9598, 0.2426,
0.2570


 98.5610, 0.2600,
0.2749

 27.5072, 0.2340,
0.2481


 126.4572, 0.2640,
0.2791

 17.9545, 0.2232,
0.2369


159.1752, 0.2675,
0.2826

 10.9173, 0.2090,
0.2222

197.0995, 0.2705,
0.2857

 6.0113, 0.1900,
0.2024

240.6145, 0.2731,
0.2885

 2.8519, 0.1633,
0.1746

290.1046, 0.2755,

 1.0549, 0.1246,

0.2909

0.1342

345.9541, 0.2776,
0.2930

0.0000, 0.0000,
0.0000

55.6967, 0.2495,
0.2641

55.6967, 0.2495,
0.2641

47.0683, 0.2326,
0.2434

65.4861, 0.2666,
0.2834

39.5441, 0.2166,
0.2217

76.4772, 0.2834,
0.3010

33.0710, 0.2019,
0.1995

88.7162, 0.2997,
0.3170

27.5881, 0.1893,
0.1776

99.9995, 0.3127,
0.3290

23.0254, 0.1792,
0.1566

■ 19.2920, 0.1717,
0.1373

■ 18.7554, 0.1707,
0.1344

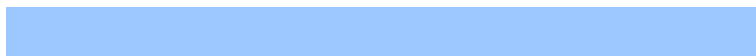
Harmonies

Analogous

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



55.6967, 0.2365, 0.2813



55.6967, 0.2495, 0.2641



55.6967, 0.2789, 0.2635

Triad

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



55.6967, 0.2495, 0.2641



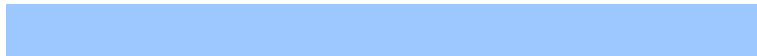
55.6967, 0.3888, 0.3364



55.6967, 0.3020, 0.3892

Complementary

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



55.6967, 0.2495, 0.2641



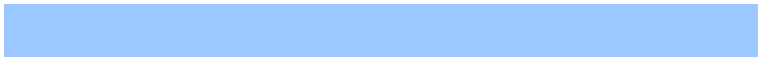
70.8199, 0.3862, 0.3858

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.



55.6967, 0.3433, 0.4038



55.6967, 0.2495, 0.2641



55.6967, 0.3950, 0.3694

Square

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



55.6967, 0.2495, 0.2641



55.6967, 0.3603, 0.3038



55.6967, 0.3777, 0.3950



55.6967, 0.2653, 0.3545

Rectangle

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



55.6967, 0.2495, 0.2641



55.6967, 0.3052, 0.2716



55.6967, 0.3777, 0.3950



55.6967, 0.3158, 0.3967

Sweetspot

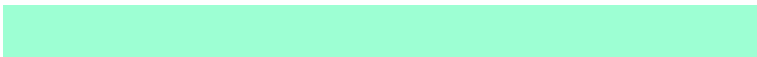
The Sweet Spot groups the original color and five complimentary colors.



55.6988, 0.2495, 0.2641



84.1708, 0.2939, 0.3114



83.3904, 0.2802, 0.3803



17.6712, 0.2918, 0.3094



0.0000, 0.0000, 0.0000



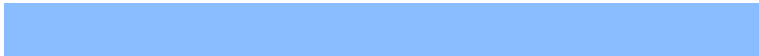
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.6988, 0.2495, 0.2641



49.0410, 0.2366, 0.2485



39.0359, 0.2449, 0.2124



18.6877, 0.2979, 0.3153



10.0859, 0.1715, 0.1374



1.1950, 0.1776, 0.1593

Inverse Universe

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



49.5666, 0.3660, 0.2846



43.0300, 0.3816, 0.2760



94.2942, 0.3672, 0.4258



18.1193, 0.3225, 0.3186



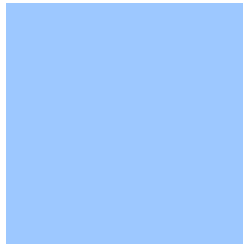
11.7461, 0.5225, 0.2652



1.1652, 0.4940, 0.2495

Previews

White Background



This preview shows how the Yxy color 55.6967, 0.2495, 0.2641 looks on a white background.

Color Contrast Check

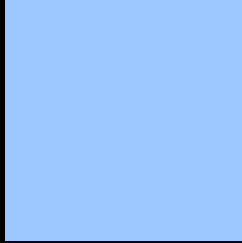
Large Text (above 18pt) WCAG AA × Fail

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 55.6967, 0.2495, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

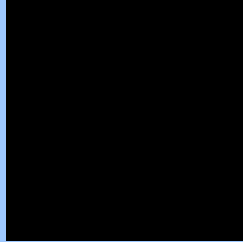
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

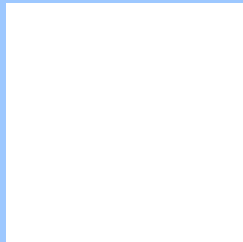
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.6967, 0.2495, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 55.6967, 0.2495, 0.2641.



This preview shows how white text looks on a background with the Yxy color 55.6967, 0.2495, 0.2641.

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

55.6967, 0.2495, 0.2641

Protanopia

55.4937, 0.2660, 0.2636

Deuteranopia

55.4272, 0.2642, 0.2585



Tritanopia

55.8061, 0.2635, 0.3086

Trichromacy



Original Color

55.6967, 0.2495, 0.2641

Protanomaly

55.3924, 0.2599, 0.2640

Deuteranomaly

55.6985, 0.2589, 0.2610

Tritanomaly

55.8016, 0.2583, 0.2918

Monochromacy



Original Color

55.6967, 0.2495, 0.2641

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.1410, 0.2866, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6967, 0.2495, 0.2641 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(157, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 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(157, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 55.6967, 0.2495, 0.2641 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(157, 200, 255) }
```

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

```
.border{ border-color:rgb(157, 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(157, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6967, 0.2495, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 255) }
```

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

```
.background{ background-color: rgb(157,  
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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