

Converting Colors

$Y_{xy}(55.9233, 0.2515, 0.2641)$

Have a look what the booklet for
Yxy(55.9233, 0.2515, 0.2641)
contains.

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Color

Yxy(56.1056, 0.2517, 0.2645)

Conversions

Conversions Part 1

Format	Color
Hex	A1C8FF
RGB	161, 200, 255
RGB Percent	63%, 78%, 100%
CMY	0.3689, 0.2156, 0.0000
CMYK	0.37, 0.22, 0.00, 0.00
HSL	215°, 100%, 82%
HSV	215°, 37%, 100%
XYZ	53.3905, 56.1056, 102.6234
YIQ	194.6090, -40.8990, 8.8370

Conversions

Conversions Part 2

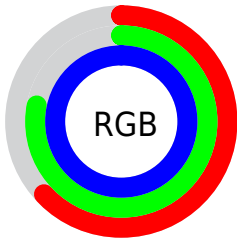
Format	Color
RYB	161, 189, 255
Decimal	10602751
CIELab	79.67, 0.16, -31.14
CIELCh	80, 31.137, 270.302
Yxy	56.1056, 0.2517, 0.2645
Android (android.graphics.Color)	4288792831 (0xFFA1C8FF)
YUV	194.6090, 29.7728, -29.4751
Hunter-Lab	74.9037, -3.8487, -28.7990

Details

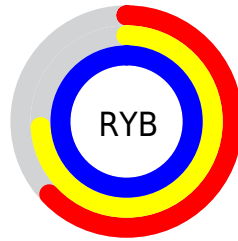
The Yxy color **56.1056, 0.2517, 0.2645** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **72.8933, 0.3819, 0.3856**, and the grayscale version is **54.1599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **27.6992, 0.2369, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **47.1538, 0.2345, 0.2431**, and if you desaturate by 10%, it is **66.2745, 0.2690, 0.2844**.

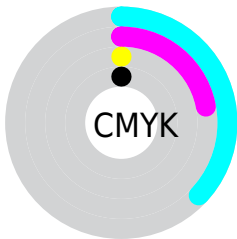
Distribution



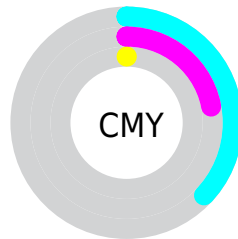
- Red (63%)
- Green (78%)
- Blue (100%)



- Red (63%)
- Yellow (74%)
- Blue (100%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (37%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1056, 0.2517, 0.2645 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 56.1056, 0.2517, 0.2645 by changing the saturation by 10% instead.


 56.1056, 0.2517,
0.2645


 56.1056, 0.2517,
0.2645


410.0893, 0.2806,
0.2950

 40.2876, 0.2450,
0.2574


 99.1590, 0.2618,
0.2752

 27.7629, 0.2367,
0.2487


 127.1631, 0.2657,
0.2793

 18.1470, 0.2262,
0.2376


159.9981, 0.2691,
0.2829

 11.0556, 0.2125,
0.2231

198.0483, 0.2720,
0.2859

 6.1042, 0.1940,
0.2036

241.6981, 0.2745,
0.2886

 2.9086, 0.1680,
0.1762

291.3320, 0.2768,

 1.0842, 0.1301,

0.2910

0.1363

347.3343, 0.2788,
0.2931

0.0000, 0.0000,
0.0000

56.1056, 0.2517,
0.2645

56.1056, 0.2517,
0.2645

47.1538, 0.2345,
0.2431

66.2745, 0.2690,
0.2844

39.3606, 0.2180,
0.2206

77.7031, 0.2859,
0.3025

32.6716, 0.2027,
0.1976

90.4389, 0.3021,
0.3188

27.0239, 0.1895,
0.1748

100.0000, 0.3127,
0.3290

22.3465, 0.1787,
0.1531

■ 18.5540, 0.1708,
0.1332

■ 17.5226, 0.1687,
0.1274

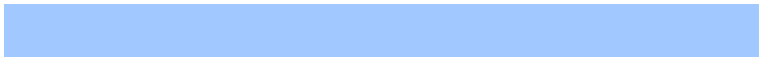
Harmonies

Analogous

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



56.1056, 0.2378, 0.2805



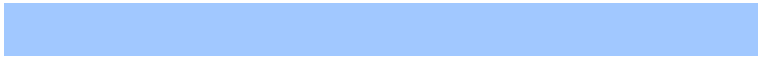
56.1056, 0.2517, 0.2645



56.1056, 0.2816, 0.2648

Triad

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



56.1056, 0.2517, 0.2645



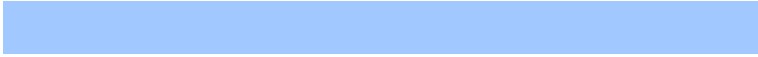
56.1056, 0.3887, 0.3384



56.1056, 0.2998, 0.3866

Complementary

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



56.1056, 0.2517, 0.2645



72.8933, 0.3819, 0.3856

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.



56.1056, 0.3405, 0.4025



56.1056, 0.2517, 0.2645



56.1056, 0.3934, 0.3707

Square

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



56.1056, 0.2517, 0.2645



56.1056, 0.3618, 0.3060



56.1056, 0.3751, 0.3952



56.1056, 0.2642, 0.3517

Rectangle

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



56.1056, 0.2517, 0.2645



56.1056, 0.3078, 0.2734



56.1056, 0.3751, 0.3952



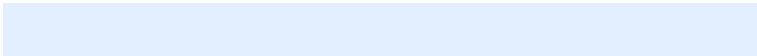
56.1056, 0.3133, 0.3945

Sweetspot

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



56.1077, 0.2517, 0.2645



85.0459, 0.2955, 0.3123



84.0370, 0.2797, 0.3742



17.8329, 0.2933, 0.3101



0.0000, 0.0000, 0.0000



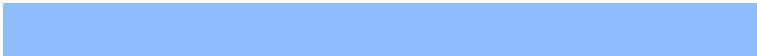
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1077, 0.2517, 0.2645



49.6215, 0.2394, 0.2494



41.0927, 0.2502, 0.2183



18.6179, 0.2979, 0.3147



9.4341, 0.1696, 0.1305



1.1282, 0.1758, 0.1527

Inverse Universe

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



50.8948, 0.3651, 0.2886



44.5377, 0.3800, 0.2808



93.8939, 0.3630, 0.4228



18.1123, 0.3229, 0.3192



11.6803, 0.5320, 0.2704



1.1584, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 56.1056, 0.2517, 0.2645 looks on a white background.

Color Contrast Check

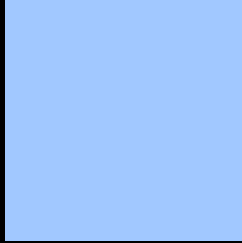
Large Text (above 18pt) WCAG AA × Fail

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 56.1056, 0.2517, 0.2645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

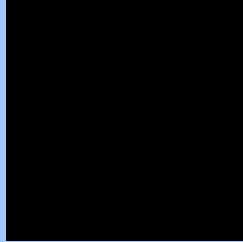
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

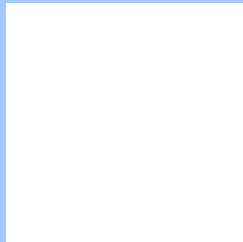
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1056, 0.2517, 0.2645

Background



This preview shows how black text looks on a background with the Yxy color 56.1056, 0.2517, 0.2645.



This preview shows how white text looks on a background with the Yxy color 56.1056, 0.2517, 0.2645.

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

56.1056, 0.2517, 0.2645

Protanopia

56.0625, 0.2668, 0.2649

Deuteranopia

55.9939, 0.2650, 0.2598



Tritanopia

56.1888, 0.2659, 0.3088

Trichromacy



Original Color

56.1056, 0.2517, 0.2645

Protanomaly

56.0747, 0.2613, 0.2654

Deuteranomaly

55.9300, 0.2601, 0.2612

Tritanomaly

56.1942, 0.2607, 0.2921

Monochromacy



Original Color

56.1056, 0.2517, 0.2645

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.0095, 0.2881, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1056, 0.2517, 0.2645 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(161, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.1056, 0.2517, 0.2645 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(161, 200, 255) }
```

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

```
.border{ border-color:rgb(161, 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(161, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1056, 0.2517, 0.2645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 200, 255) }
```

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

```
.background{ background-color: rgb(161,  
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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