

Converting Colors

$Yxy(56.2606, 0.2497, 0.2656)$

Have a look what the booklet for
Yxy(56.2606, 0.2497, 0.2656)
contains.

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Color

Yxy(56.1614, 0.2496, 0.2653)

Conversions

Conversions Part 1

Format	Color
Hex	9DC9FF
RGB	157, 201, 255
RGB Percent	62%, 79%, 100%
CMY	0.3845, 0.2117, 0.0000
CMYK	0.38, 0.21, 0.00, 0.00
HSL	213°, 100%, 81%
HSV	213°, 38%, 100%
XYZ	52.8379, 56.1614, 102.6909
YIQ	194.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

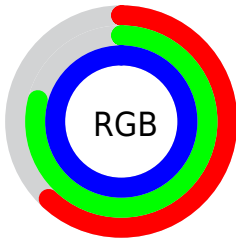
Format	Color
R_{YB}	157, 187, 255
Decimal	10340863
CIE _{Lab}	79.71, -1.40, -31.12
CIE _{LCh}	80, 31.156, 267.423
Yxy	56.1614, 0.2496, 0.2653
Android (android.graphics.Color)	4288530943 (0xFF9DC9FF)
YUV	194.0000, 30.0730, -32.4490
Hunter-Lab	74.9409, -5.2933, -28.7860

Details

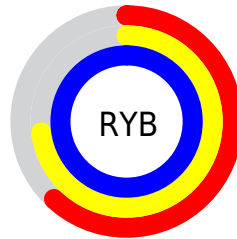
The Yxy color **56.1614, 0.2496, 0.2653** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.2519, 0.3867, 0.3848**, and the grayscale version is **53.7810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **27.7114, 0.2339, 0.2494** is the 20% darker color. If you saturate the color by 10%, you get **47.6089, 0.2329, 0.2451**, and if you desaturate by 10%, it is **65.8474, 0.2666, 0.2842**.

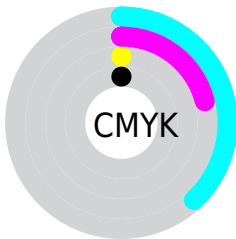
Distribution



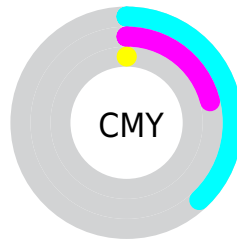
- Red (62%)
- Green (79%)
- Blue (100%)



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



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1614, 0.2496, 0.2653 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 56.1614, 0.2496, 0.2653 by changing the saturation by 10% instead.

■ 56.1614, 0.2496,
0.2653

■ 56.1614, 0.2496,
0.2653

■ 410.2995, 0.2794,
0.2955

■ 40.3323, 0.2427,
0.2583

■ 99.2405, 0.2600,
0.2759

■ 27.7978, 0.2342,
0.2496

■ 127.2594, 0.2641,
0.2800

■ 18.1733, 0.2234,
0.2386

■ 160.1103, 0.2675,
0.2835

■ 11.0745, 0.2093,
0.2241

■ 198.1776, 0.2705,
0.2865

■ 6.1169, 0.1904,
0.2047

■ 241.8458, 0.2732,
0.2892

■ 2.9163, 0.1639,
0.1773

■ 291.4993, 0.2755,

■ 1.0882, 0.1256,

0.2916

0.1373

347.5224, 0.2776,
0.2937

0.0000, 0.0000,
0.0000

56.1614, 0.2496,
0.2653

56.1614, 0.2496,
0.2653

47.6089, 0.2329,
0.2451

65.8474, 0.2666,
0.2842

40.1406, 0.2170,
0.2238

76.7130, 0.2834,
0.3015

33.7024, 0.2025,
0.2020

88.8014, 0.2996,
0.3171

28.2343, 0.1900,
0.1805

100.0000, 0.3127,
0.3290

23.6677, 0.1800,
0.1598

■ 19.9127, 0.1727,
0.1407

■ 19.3873, 0.1716,
0.1379

Harmonies

Analogous

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



56.1614, 0.2374, 0.2829



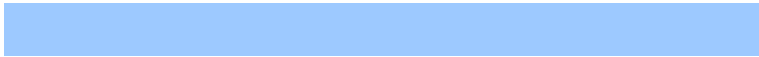
56.1614, 0.2496, 0.2653



56.1614, 0.2781, 0.2641

Triad

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



56.1614, 0.2496, 0.2653



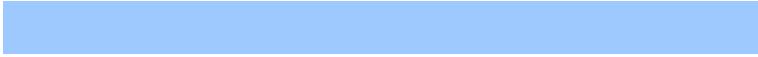
56.1614, 0.3870, 0.3352



56.1614, 0.3037, 0.3892

Complementary

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



56.1614, 0.2496, 0.2653



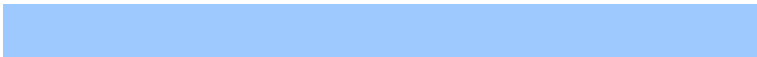
70.2519, 0.3867, 0.3848

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.



56.1614, 0.3443, 0.4028



56.1614, 0.2496, 0.2653



56.1614, 0.3940, 0.3678

Square

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



56.1614, 0.2496, 0.2653



56.1614, 0.3584, 0.3031



56.1614, 0.3778, 0.3934



56.1614, 0.2671, 0.3556

Rectangle

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



56.1614, 0.2496, 0.2653



56.1614, 0.3038, 0.2718



56.1614, 0.3778, 0.3934



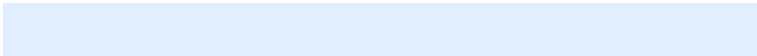
56.1614, 0.3173, 0.3963

Sweetspot

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



56.1614, 0.2496, 0.2653



84.3680, 0.2939, 0.3118



83.3803, 0.2801, 0.3804



17.7175, 0.2918, 0.3098



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.



56.1614, 0.2496, 0.2653



49.6024, 0.2369, 0.2501



38.9836, 0.2448, 0.2122



18.7218, 0.2979, 0.3156



10.4186, 0.1725, 0.1409



1.2288, 0.1785, 0.1626

Inverse Universe

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



49.5751, 0.3650, 0.2835



43.0866, 0.3802, 0.2747



94.2947, 0.3672, 0.4259



18.1228, 0.3223, 0.3184



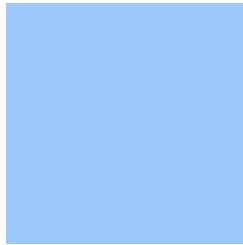
11.7797, 0.5179, 0.2627



1.1686, 0.4898, 0.2472

Previews

White Background



This preview shows how the Yxy color 56.1614, 0.2496, 0.2653 looks on a white background.

Color Contrast Check

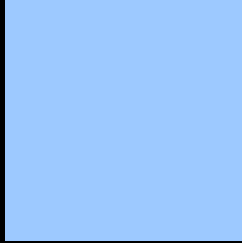
Large Text (above 18pt) WCAG AA × Fail

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 56.1614, 0.2496, 0.2653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

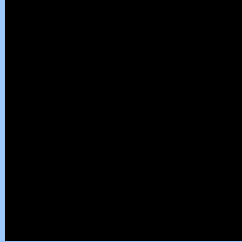
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

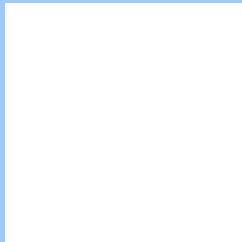
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1614, 0.2496, 0.2653

Background



This preview shows how black text looks on a background with the Yxy color 56.1614, 0.2496, 0.2653.



This preview shows how white text looks on a background with the Yxy color 56.1614, 0.2496, 0.2653.

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

56.1614, 0.2496, 0.2653

Protanopia

56.0625, 0.2668, 0.2649

Deuteranopia

55.9939, 0.2650, 0.2598



Tritanopia

56.3429, 0.2631, 0.3087

Trichromacy



Original Color

56.1614, 0.2496, 0.2653

Protanomaly

55.9595, 0.2607, 0.2653

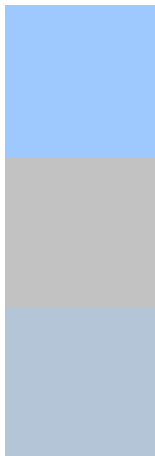
Deuteranomaly

56.1512, 0.2590, 0.2622

Tritanomaly

56.3362, 0.2580, 0.2920

Monochromacy



Original Color

56.1614, 0.2496, 0.2653

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7141, 0.2873, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1614, 0.2496, 0.2653 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, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 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, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.1614, 0.2496, 0.2653 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, 201, 255) }
```

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

```
.border{ border-color:rgb(157, 201, 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, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1614, 0.2496, 0.2653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 255) }
```

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

```
.background{ background-color: rgb(157,  
201, 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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