

Converting Colors

$Yxy(56.4332, 0.2415, 0.2688)$

Have a look what the booklet for
Yxy(56.4332, 0.2415, 0.2688)
contains.

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Color

Yxy(56.4581, 0.2414, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	8CCDFF
RGB	140, 205, 255
RGB Percent	55%, 80%, 100%
CMY	0.4513, 0.1960, 0.0001
CMYK	0.45, 0.20, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 45%, 100%
XYZ	50.6842, 56.4581, 102.8171
YIQ	191.2650, -54.7900, 1.7700

Conversions

Conversions Part 2

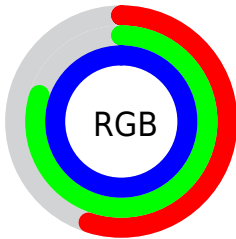
Format	Color
RYB	140, 182, 255
Decimal	9227775
CIELab	79.87, -7.79, -30.92
CIELCh	80, 31.881, 255.858
Yxy	56.4581, 0.2414, 0.2689
Android (android.graphics.Color)	4287417855 (0xFF8CCDFF)
YUV	191.2650, 31.4214, -44.9594
Hunter-Lab	75.1386, -11.0866, -28.5334

Details

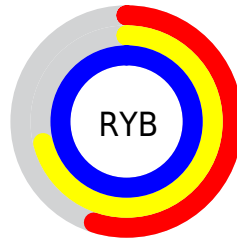
The Yxy color **56.4581, 0.2414, 0.2689** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.9262, 0.4093, 0.3811**, and the grayscale version is **52.0922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7458, 0.2794, 0.3289**, and **28.0043, 0.2243, 0.2540** is the 20% darker color. If you saturate the color by 10%, you get **49.3854, 0.2267, 0.2526**, and if you desaturate by 10%, it is **64.4230, 0.2570, 0.2843**.

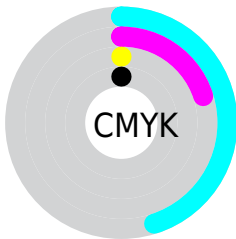
Distribution



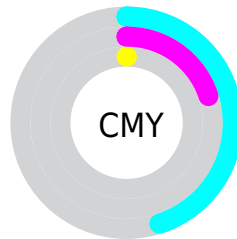
- Red (55%)
- Green (80%)
- Blue (100%)



- Red (55%)
- Yellow (71%)
- Blue (100%)



- Cyan (45%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (45%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4581, 0.2414, 0.2689 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 56.4581, 0.2414, 0.2689 by changing the saturation by 10% instead.


 56.4581, 0.2414,
0.2689


 56.4581, 0.2414,
0.2689


411.4156, 0.2748,
0.2978

 40.5703, 0.2337,
0.2621


 99.6741, 0.2530,
0.2791

 27.9835, 0.2243,
0.2537


 127.7710, 0.2576,
0.2830

 18.3132, 0.2124,
0.2429


160.7065, 0.2614,
0.2863

 11.1751, 0.1970,
0.2288

198.8649, 0.2648,
0.2892

 6.1847, 0.1765,
0.2095

242.6306, 0.2678,
0.2918

 2.9577, 0.1483,
0.1822

292.3881, 0.2704,

 1.1097, 0.1085,

0.2940

0.1419

348.5216, 0.2728,
0.2960

0.0000, 0.0000,
0.0000

56.4581, 0.2414,
0.2689

56.4581, 0.2414,
0.2689

49.3854, 0.2267,
0.2526

64.4230, 0.2570,
0.2843

43.1549, 0.2134,
0.2357

73.3136, 0.2730,
0.2986

37.7201, 0.2019,
0.2185

83.1692, 0.2890,
0.3116

33.0254, 0.1925,
0.2015

94.0246, 0.3048,
0.3234

29.0041, 0.1854,
0.1851

99.9988, 0.3127,
0.3290

■ 27.2437, 0.1826,
0.1773

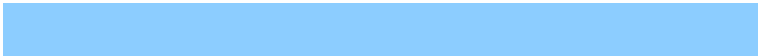
Harmonies

Analogous

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



56.4581, 0.2361, 0.2931



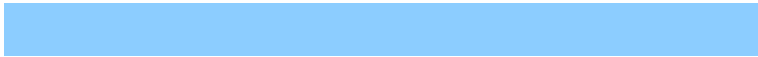
56.4581, 0.2414, 0.2689



56.4581, 0.2645, 0.2614

Triad

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



56.4581, 0.2414, 0.2689



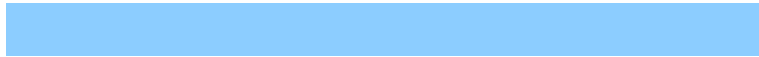
56.4581, 0.3796, 0.3222



56.4581, 0.3195, 0.3988

Complementary

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



56.4581, 0.2414, 0.2689



59.9262, 0.4093, 0.3811

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.



56.4581, 0.3595, 0.4032



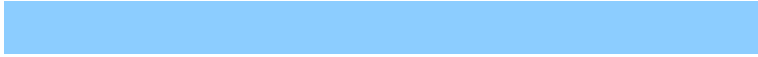
56.4581, 0.2414, 0.2689



56.4581, 0.3960, 0.3561

Square

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



56.4581, 0.2414, 0.2689



56.4581, 0.3440, 0.2915



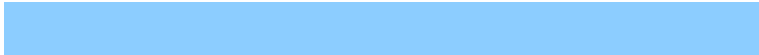
56.4581, 0.3881, 0.3861



56.4581, 0.2793, 0.3711

Rectangle

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



56.4581, 0.2414, 0.2689



56.4581, 0.2880, 0.2653



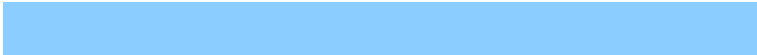
56.4581, 0.3881, 0.3861



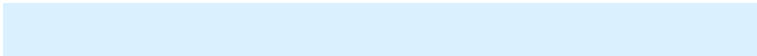
56.4581, 0.3334, 0.4030

Sweetspot

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



56.4602, 0.2414, 0.2689



84.3514, 0.2908, 0.3130



80.7855, 0.2822, 0.4083



17.5764, 0.2874, 0.3103



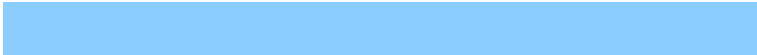
0.0000, 0.0000, 0.0000



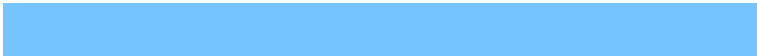
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4602, 0.2414, 0.2689



50.1450, 0.2283, 0.2545



33.8416, 0.2286, 0.1964



19.0834, 0.2979, 0.3184



14.5403, 0.1833, 0.1799



1.6332, 0.1885, 0.1984

Inverse Universe

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



44.4001, 0.3644, 0.2625



38.0020, 0.3794, 0.2507



89.8597, 0.3829, 0.4338



18.1593, 0.3205, 0.3156



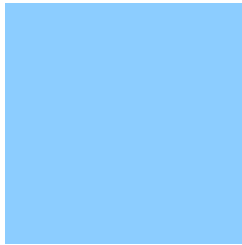
12.1958, 0.4686, 0.2355



1.2094, 0.4471, 0.2237

Previews

White Background



This preview shows how the Yxy color 56.4581, 0.2414, 0.2689 looks on a white background.

Color Contrast Check

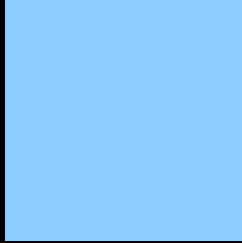
Large Text (above 18pt) WCAG AA × Fail

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 56.4581, 0.2414, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

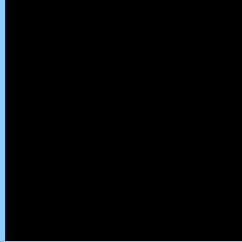
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

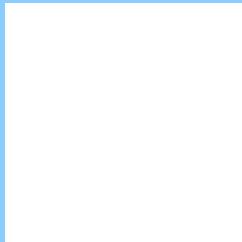
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4581, 0.2414, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 56.4581, 0.2414, 0.2689.

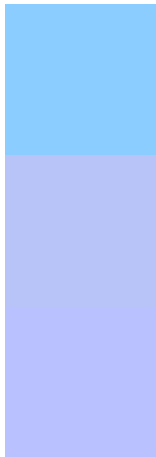


This preview shows how white text looks on a background with the Yxy color 56.4581, 0.2414, 0.2689.

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

56.4581, 0.2414, 0.2689

Protanopia

55.9979, 0.2692, 0.2681

Deuteranopia

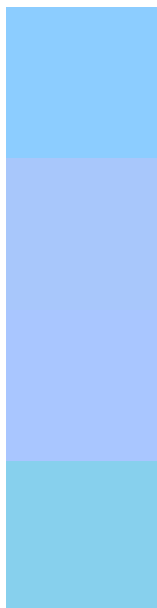
56.1179, 0.2656, 0.2599



Tritanopia

56.5448, 0.2522, 0.3071

Trichromacy



Original Color

56.4581, 0.2414, 0.2689

Protanomaly

56.1367, 0.2578, 0.2681

Deuteranomaly

56.0432, 0.2561, 0.2629

Tritanomaly

56.3771, 0.2482, 0.2926

Monochromacy



Original Color

56.4581, 0.2414, 0.2689

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.1056, 0.2821, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4581, 0.2414, 0.2689 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(140, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(140, 205, 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(140, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.4581, 0.2414, 0.2689 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(140, 205, 255) }
```

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

```
.border{ border-color:rgb(140, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 205, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 205, 255); box-shadow:4px 4px 4px 4px rgb(140, 205, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4581, 0.2414, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 205, 255) }
```

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

```
.background{ background-color: rgb(140,  
205, 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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