

Converting Colors

Yxy(56.3855, 0.2409, 0.2688)

Have a look what the booklet for
Yxy(56.3855, 0.2409, 0.2688)
contains.

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Color

Yxy(56.3716, 0.2409, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	8BCDFF
RGB	139, 205, 255
RGB Percent	55%, 80%, 100%
CMY	0.4551, 0.1960, 0.0000
CMYK	0.46, 0.20, 0.00, 0.00
HSL	206°, 100%, 77%
HSV	206°, 46%, 100%
XYZ	50.5205, 56.3716, 102.8236
YIQ	190.9660, -55.3860, 1.5580

Conversions

Conversions Part 2

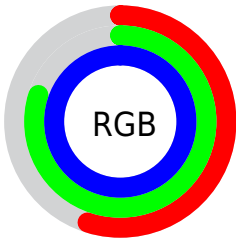
Format	Color
RYB	139, 181, 255
Decimal	9162239
CIELab	79.82, -8.01, -31.00
CIELCh	80, 32.023, 255.505
Yxy	56.3716, 0.2409, 0.2688
Android (android.graphics.Color)	4287352319 (0xFF8BCDFF)
YUV	190.9660, 31.5688, -45.5742
Hunter-Lab	75.0810, -11.2827, -28.6411

Details

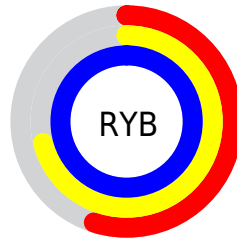
The Yxy color **56.3716, 0.2409, 0.2688** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **59.4850, 0.4106, 0.3811**, and the grayscale version is **51.9114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6103, 0.2789, 0.3289**, and **27.9598, 0.2238, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **49.3582, 0.2263, 0.2526**, and if you desaturate by 10%, it is **64.2699, 0.2564, 0.2841**.

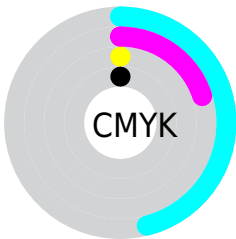
Distribution



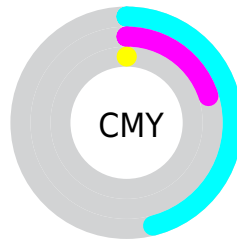
- Red (55%)
- Green (80%)
- Blue (100%)



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



- Cyan (46%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)





- Cyan (46%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3716, 0.2409, 0.2688 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 56.3716, 0.2409, 0.2688 by changing the saturation by 10% instead.


 56.3716, 0.2409,
0.2688


 56.3716, 0.2409,
0.2688


411.0904, 0.2746,
0.2977

 40.5009, 0.2332,
0.2620


 99.5477, 0.2526,
0.2790

 27.9293, 0.2237,
0.2536


 127.6219, 0.2572,
0.2829

 18.2724, 0.2117,
0.2428


160.5328, 0.2611,
0.2863

 11.1457, 0.1963,
0.2286

198.6646, 0.2645,
0.2892

 6.1649, 0.1756,
0.2093

242.4020, 0.2675,
0.2917

 2.9456, 0.1473,
0.1818

292.1291, 0.2701,

 1.1034, 0.1074,

0.2940

0.1414

348.2304, 0.2725,
0.2960

0.0000, 0.0000,
0.0000

56.3716, 0.2409,
0.2688

56.3716, 0.2409,
0.2688

49.3582, 0.2263,
0.2526

64.2699, 0.2564,
0.2841

43.1796, 0.2131,
0.2359

73.0865, 0.2724,
0.2983

37.7895, 0.2017,
0.2188

82.8607, 0.2884,
0.3113

33.1320, 0.1925,
0.2020

93.6271, 0.3042,
0.3230

29.1400, 0.1855,
0.1857

99.9999, 0.3127,
0.3290

■ 27.5245, 0.1829,
0.1785

Harmonies

Analogous

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



56.3716, 0.2357, 0.2933



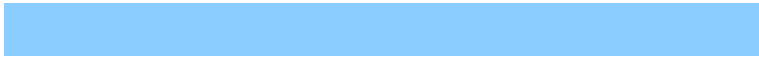
56.3716, 0.2409, 0.2688



56.3716, 0.2639, 0.2610

Triad

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



56.3716, 0.2409, 0.2688



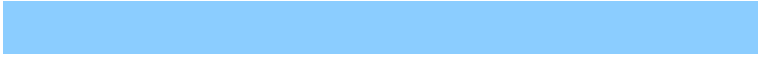
56.3716, 0.3796, 0.3218



56.3716, 0.3200, 0.3994

Complementary

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



56.3716, 0.2409, 0.2688



59.4850, 0.4106, 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.



56.3716, 0.3602, 0.4035



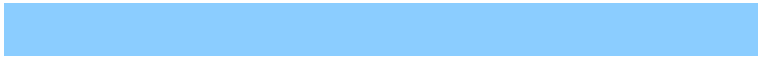
56.3716, 0.2409, 0.2688



56.3716, 0.3963, 0.3558

Square

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



56.3716, 0.2409, 0.2688



56.3716, 0.3437, 0.2910



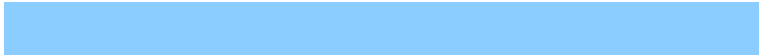
56.3716, 0.3887, 0.3860



56.3716, 0.2796, 0.3717

Rectangle

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



56.3716, 0.2409, 0.2688



56.3716, 0.2874, 0.2649



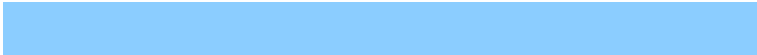
56.3716, 0.3887, 0.3860



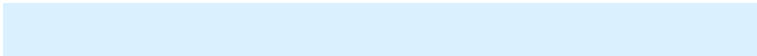
56.3716, 0.3340, 0.4035

Sweetspot

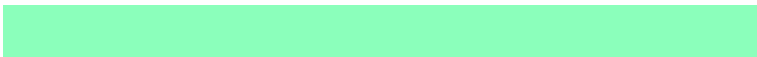
The Sweet Spot groups the original color and five complimentary colors.



56.3737, 0.2409, 0.2688



84.4261, 0.2908, 0.3132



80.6037, 0.2829, 0.4116



17.5946, 0.2874, 0.3105



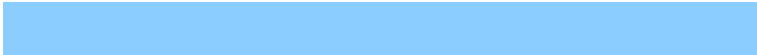
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



56.3737, 0.2409, 0.2688



49.6979, 0.2270, 0.2535



34.0764, 0.2282, 0.1975



19.0945, 0.2979, 0.3185



14.6848, 0.1837, 0.1812



1.6470, 0.1888, 0.1995

Inverse Universe

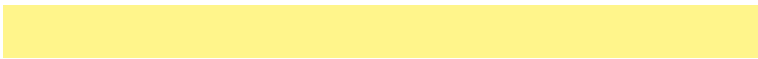
The Inverse Universe completely reimagines the original color for something new.



44.1165, 0.3646, 0.2616



37.3865, 0.3807, 0.2490



88.6251, 0.3843, 0.4331



18.1604, 0.3205, 0.3155



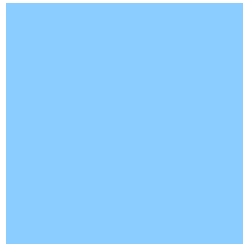
12.2104, 0.4671, 0.2347



1.2108, 0.4458, 0.2230

Previews

White Background



This preview shows how the Yxy color 56.3716, 0.2409, 0.2688 looks on a white background.

Color Contrast Check

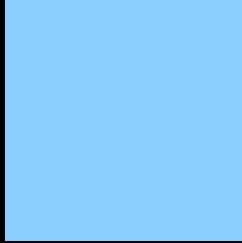
Large Text (above 18pt) WCAG AA × Fail

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 56.3716, 0.2409, 0.2688 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 56.3716, 0.2409, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 56.3716, 0.2409, 0.2688.



This preview shows how white text looks on a background with the Yxy color 56.3716, 0.2409, 0.2688.

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

56.3716, 0.2409, 0.2688

Protanopia

55.9979, 0.2692, 0.2681

Deuteranopia

55.9939, 0.2650, 0.2598



Tritanopia

56.4645, 0.2517, 0.3071

Trichromacy



Original Color

56.3716, 0.2409, 0.2688

Protanomaly

56.1367, 0.2578, 0.2681

Deuteranomaly

55.9330, 0.2555, 0.2628

Tritanomaly

56.2945, 0.2477, 0.2925

Monochromacy



Original Color

56.3716, 0.2409, 0.2688

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 56.3716, 0.2409, 0.2688 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(139, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 205, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.3716, 0.2409, 0.2688 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(139, 205, 255) }
```

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

```
.border{ border-color:rgb(139, 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(139, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 205,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3716, 0.2409, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 205, 255) }
```

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

```
.background{ background-color: rgb(139,  
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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