

Converting Colors

$Yxy(56.3469, 0.2489, 0.2893)$

Have a look what the booklet for
Yxy(56.3469, 0.2489, 0.2893)
contains.

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Color

Yxy(56.3466, 0.2491, 0.2892)

Conversions

Conversions Part 1

Format	Color
Hex	8BCFEF
RGB	139, 207, 239
RGB Percent	55%, 81%, 94%
CMY	0.4550, 0.1882, 0.0629
CMYK	0.42, 0.13, 0.00, 0.06
HSL	199°, 76%, 74%
HSV	199°, 42%, 94%
XYZ	48.5337, 56.3466, 89.9558
YIQ	190.3160, -50.8000, -4.4640

Conversions

Conversions Part 2

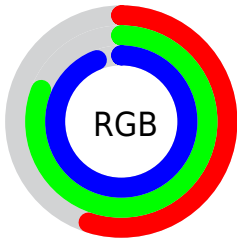
Format	Color
R _Y B	139, 179, 239
Decimal	9162735
CIE Lab	79.81, -13.33, -22.48
CIE LCh	80, 26.134, 239.320
Yxy	56.3466, 0.2491, 0.2892
Android (android.graphics.Color)	4287352815 (0xFF8BCFEF)
YUV	190.3160, 24.0012, -45.0041
Hunter-Lab	75.0644, -15.9516, -18.5070

Details

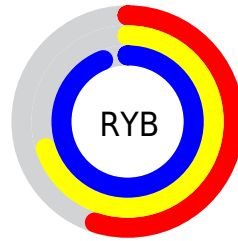
The Yxy color **56.3466, 0.2491, 0.2892** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **49.3122, 0.4054, 0.3648**, and the grayscale version is **51.5631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **28.0404, 0.2338, 0.2790** is the 20% darker color. If you saturate the color by 10%, you get **50.8997, 0.2356, 0.2778**, and if you desaturate by 10%, it is **62.4265, 0.2637, 0.3000**.

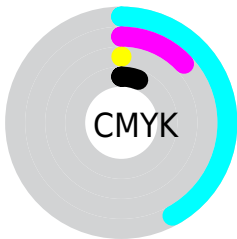
Distribution



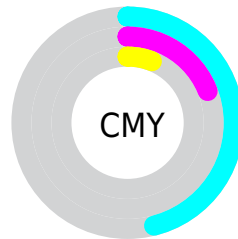
- Red (55%)
- Green (81%)
- Blue (94%)



- Red (55%)
- Yellow (70%)
- Blue (94%)



- Cyan (42%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (46%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3466, 0.2491, 0.2892 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 56.3466, 0.2491, 0.2892 by changing the saturation by 10% instead.

■ 56.3466, 0.2491,
0.2892

■ 56.3466, 0.2491,
0.2892

■ 410.9964, 0.2791,
0.3088

■ 40.4809, 0.2422,
0.2844

■ 99.5112, 0.2596,
0.2962

■ 27.9137, 0.2336,
0.2784

■ 127.5788, 0.2636,
0.2989

■ 18.2606, 0.2226,
0.2706

■ 160.4825, 0.2671,
0.3012

■ 11.1372, 0.2083,
0.2601

■ 198.6067, 0.2702,
0.3031

■ 6.1592, 0.1889,
0.2452

■ 242.3358, 0.2728,
0.3048

■ 2.9421, 0.1615,
0.2228

■ 292.0542, 0.2751,

■ 1.1016, 0.1198,

0.3063

0.1868

348.1463, 0.2772,
0.3076

0.0000, 0.0000,
0.0000

56.3466, 0.2491,
0.2892

56.3466, 0.2491,
0.2892

50.8997, 0.2356,
0.2778

62.4265, 0.2637,
0.3000

46.0470, 0.2234,
0.2658

69.1621, 0.2789,
0.3100

41.7552, 0.2130,
0.2536

76.5830, 0.2944,
0.3192

37.9834, 0.2045,
0.2412

84.7145, 0.3099,
0.3276

34.6832, 0.1982,
0.2290

92.9173, 0.3229,
0.3351

■ 32.2794, 0.1942,
0.2192

■ 97.6398, 0.3222,
0.3424

■ 99.0103, 0.3221,
0.3444

Harmonies

Analogous

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



56.3466, 0.2534, 0.3161



56.3466, 0.2491, 0.2892



56.3466, 0.2605, 0.2747

Triad

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



56.3466, 0.2491, 0.2892



56.3466, 0.3529, 0.3089



56.3466, 0.3375, 0.3903

Complementary

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



56.3466, 0.2491, 0.2892



49.3122, 0.4054, 0.3648

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.



56.3466, 0.3661, 0.3843



56.3466, 0.2491, 0.2892



56.3466, 0.3758, 0.3365

Square

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



56.3466, 0.2491, 0.2892



56.3466, 0.3194, 0.2866



56.3466, 0.3805, 0.3639



56.3466, 0.3033, 0.3774

Rectangle

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



56.3466, 0.2491, 0.2892



56.3466, 0.2760, 0.2729



56.3466, 0.3805, 0.3639



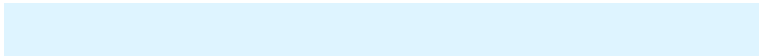
56.3466, 0.3481, 0.3903

Sweetspot

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



56.3488, 0.2491, 0.2892



87.6710, 0.2925, 0.3182



70.1300, 0.2901, 0.4168



18.3472, 0.2891, 0.3162



0.0000, 0.0000, 0.0000



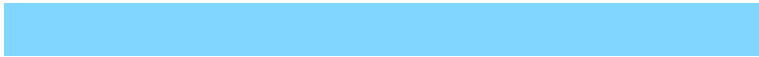
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3488, 0.2491, 0.2892



59.9893, 0.2377, 0.2797



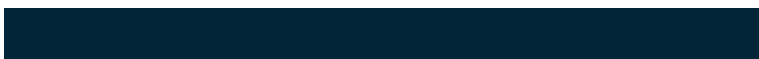
35.9371, 0.2383, 0.2235



17.0273, 0.2981, 0.3213



18.0902, 0.1948, 0.2211



1.6836, 0.1992, 0.2370

Inverse Universe

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



41.3107, 0.3474, 0.2559



41.4359, 0.3570, 0.2422



71.7318, 0.3826, 0.4158



15.9404, 0.3187, 0.3131



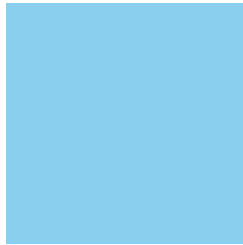
11.6196, 0.4220, 0.2098



0.9847, 0.4054, 0.2007

Previews

White Background



This preview shows how the Yxy color 56.3466, 0.2491, 0.2892 looks on a white background.

Color Contrast Check

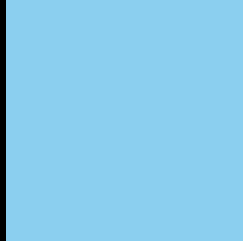
Large Text (above 18pt) WCAG AA × Fail

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 56.3466, 0.2491, 0.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

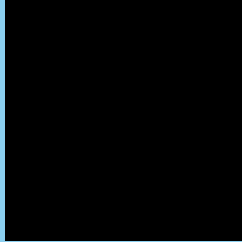
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3466, 0.2491, 0.2892

Background



This preview shows how black text looks on a background with the Yxy color 56.3466, 0.2491, 0.2892.



This preview shows how white text looks on a background with the Yxy color 56.3466, 0.2491, 0.2892.

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

56.3466, 0.2491, 0.2892

Protanopia

55.7469, 0.2839, 0.2868

Deuteranopia

55.8882, 0.2788, 0.2729



Tritanopia

56.2428, 0.2540, 0.3071

Trichromacy



Original Color

56.3466, 0.2491, 0.2892

Protanomaly

55.4453, 0.2694, 0.2868

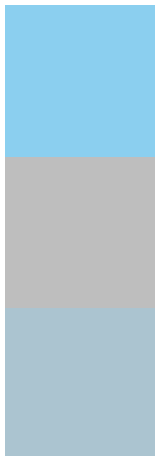
Deuteranomaly

55.6233, 0.2664, 0.2780

Tritanomaly

56.1155, 0.2518, 0.2998

Monochromacy



Original Color

56.3466, 0.2491, 0.2892

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

52.6918, 0.2854, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3466, 0.2491, 0.2892 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, 207, 239)` looks like.

```
.text, #text, p{  
    color:rgb(139, 207, 239)  
}
```

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, 207, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 207, 239) }
```

Border

The CSS property to change the border of an element to Yxy 56.3466, 0.2491, 0.2892 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, 207, 239) }
```

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

```
.border{ border-color:rgb(139, 207, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 207, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 207, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 207, 239);  
box-shadow:4px 4px 4px 4px rgb(139, 207,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3466, 0.2491, 0.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 207, 239) }
```

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

```
.background{ background-color: rgb(139,  
207, 239) }
```

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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