

Converting Colors

$Yxy(43.2106, 0.2577, 0.2846)$

Have a look what the booklet for
Yxy(43.2106, 0.2577, 0.2846)
contains.

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Color

Yxy(43.3408, 0.2582, 0.2856)

Conversions

Conversions Part 1

Format	Color
Hex	8BB5D5
RGB	139, 181, 213
RGB Percent	55%, 71%, 84%
CMY	0.4547, 0.2902, 0.1648
CMYK	0.35, 0.15, 0.00, 0.16
HSL	206°, 47%, 69%
HSV	206°, 35%, 84%
XYZ	39.1828, 43.3408, 69.2299
YIQ	172.0900, -35.3040, 1.0480

Conversions

Conversions Part 2

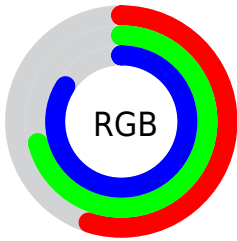
Format	Color
RYB	139, 166, 213
Decimal	9156053
CIELab	71.79, -6.26, -20.62
CIELCh	72, 21.554, 253.112
Yxy	43.3408, 0.2582, 0.2856
Android (android.graphics.Color)	4287346133 (0xFF8BB5D5)
YUV	172.0900, 20.1686, -29.0199
Hunter-Lab	65.8337, -8.9698, -16.2650

Details

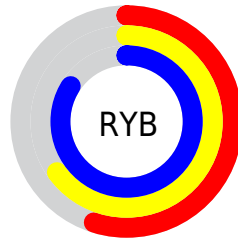
The Yxy color **43.3408, 0.2582, 0.2856** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.1358, 0.3809, 0.3685**, and the grayscale version is **41.2160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2577, 0.2757, 0.3096**, and **19.8854, 0.2433, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **38.0614, 0.2428, 0.2705**, and if you desaturate by 10%, it is **49.2283, 0.2740, 0.2996**.

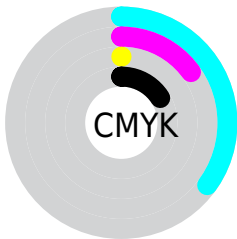
Distribution



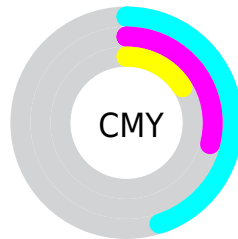
- Red (55%)
- Green (71%)
- Blue (84%)



- Red (55%)
- Yellow (65%)
- Blue (84%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (45%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3408, 0.2582, 0.2856 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 43.3408, 0.2582, 0.2856 by changing the saturation by 10% instead.

■ 43.3408, 0.2582,
0.2856

■ 43.3408, 0.2582,
0.2856

360.0114, 0.2852,
0.3076

■ 30.1526, 0.2516,
0.2801

■ 80.2249, 0.2680,
0.2936

■ 19.9544, 0.2431,
0.2730

■ 104.6896, 0.2716,
0.2966

■ 12.3619, 0.2320,
0.2635

■ 133.6819, 0.2748,
0.2992

■ 6.9907, 0.2169,
0.2503

167.5862, 0.2775,
0.3013

■ 3.4563, 0.1952,
0.2310

206.7869, 0.2798,
0.3032

■ 1.3743, 0.1619,
0.2001

251.6684, 0.2818,

■ 0.1977, 0.0169,

0.3049

0.0955

302.6151, 0.2836,
0.3063

0.0000, 0.0000,
0.0000

43.3408, 0.2582,
0.2856

43.3408, 0.2582,
0.2856

38.0614, 0.2428,
0.2705

49.2283, 0.2740,
0.2996

33.3594, 0.2282,
0.2545

55.7427, 0.2899,
0.3124

29.2087, 0.2148,
0.2379

62.9077, 0.3055,
0.3240

25.5784, 0.2032,
0.2210

70.7445, 0.3206,
0.3343

22.4334, 0.1937,
0.2042

79.2730, 0.3351,
0.3435

■ 19.7316, 0.1864,
0.1879

■ 86.2009, 0.3405,
0.3523

■ 18.4470, 0.1832,
0.1795

■ 91.6493, 0.3390,
0.3611

■ 97.3751, 0.3376,
0.3698

■ 97.5825, 0.3376,
0.3701

Harmonies

Analogous

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



43.3408, 0.2555, 0.3053



43.3408, 0.2582, 0.2856



43.3408, 0.2747, 0.2781

Triad

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



43.3408, 0.2582, 0.2856



43.3408, 0.3600, 0.3221



43.3408, 0.3212, 0.3807

Complementary

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



43.3408, 0.2582, 0.2856



45.1358, 0.3809, 0.3685

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.



43.3408, 0.3503, 0.3832



43.3408, 0.2582, 0.2856



43.3408, 0.3736, 0.3478

Square

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



43.3408, 0.2582, 0.2856



43.3408, 0.3333, 0.2990



43.3408, 0.3698, 0.3704



43.3408, 0.2908, 0.3620

Rectangle

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



43.3408, 0.2582, 0.2856



43.3408, 0.2920, 0.2802



43.3408, 0.3698, 0.3704



43.3408, 0.3314, 0.3834

Sweetspot

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



43.3425, 0.2582, 0.2856



88.6456, 0.2972, 0.3179



55.9616, 0.2891, 0.3881



18.6498, 0.2949, 0.3162



0.0000, 0.0000, 0.0000



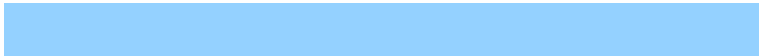
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3425, 0.2582, 0.2856



58.9541, 0.2462, 0.2741



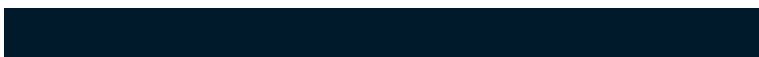
30.6068, 0.2514, 0.2345



13.1668, 0.2982, 0.3187



11.4784, 0.1838, 0.1818



0.8555, 0.1916, 0.2097

Inverse Universe

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



35.9543, 0.3482, 0.2782



46.9964, 0.3593, 0.2668



60.5395, 0.3669, 0.4086



12.5377, 0.3203, 0.3158



9.5036, 0.4664, 0.2343



0.5897, 0.4345, 0.2167

Previews

White Background



This preview shows how the Yxy color 43.3408, 0.2582, 0.2856 looks on a white background.

Color Contrast Check

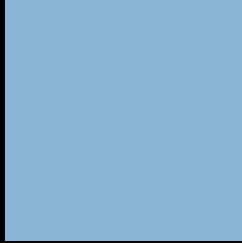
Large Text (above 18pt) WCAG AA × Fail

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 43.3408, 0.2582, 0.2856 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

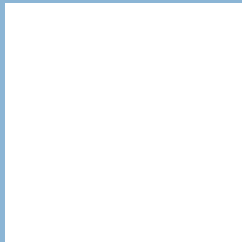
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3408, 0.2582, 0.2856

Background



This preview shows how black text looks on a background with the Yxy color 43.3408, 0.2582, 0.2856.



This preview shows how white text looks on a background with the Yxy color 43.3408, 0.2582, 0.2856.

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

43.3408, 0.2582, 0.2856

Protanopia

43.1510, 0.2815, 0.2847

Deuteranopia

43.2956, 0.2803, 0.2743



Tritanopia

43.5924, 0.2660, 0.3093

Trichromacy



Original Color

43.3408, 0.2582, 0.2856

Protanomaly

43.2655, 0.2720, 0.2853

Deuteranomaly

43.0921, 0.2721, 0.2781

Tritanomaly

43.4971, 0.2633, 0.3012

Monochromacy



Original Color

43.3408, 0.2582, 0.2856

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7214, 0.2905, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3408, 0.2582, 0.2856 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, 181, 213)` looks like.

```
.text, #text, p{  
    color:rgb(139, 181, 213)  
}
```

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, 181, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 181, 213) }
```

Border

The CSS property to change the border of an element to Yxy 43.3408, 0.2582, 0.2856 is called "border". The border property can be set on classes, ids or directly on the HTML element.

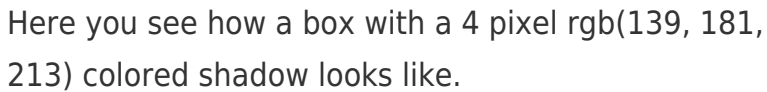
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 181, 213) }
```

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

```
.border{ border-color:rgb(139, 181, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 181, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 181, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 181, 213); box-shadow:4px 4px 4px 4px rgb(139, 181, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3408, 0.2582, 0.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 181, 213) }
```

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

```
.background{ background-color: rgb(139,  
181, 213) }
```

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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