

Converting Colors

$Yxy(43.9789, 0.2283, 0.2851)$

Have a look what the booklet for
Yxy(43.9789, 0.2283, 0.2851)
contains.

Yxy(43.9787, 0.2283, 0.2852)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9787, 0.2283, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	55BEDD
RGB	85, 190, 221
RGB Percent	33%, 75%, 87%
CMY	0.6668, 0.2549, 0.1334
CMYK	0.62, 0.14, 0.00, 0.13
HSL	194°, 67%, 60%
HSV	194°, 62%, 87%
XYZ	35.2045, 43.9787, 75.0198
YIQ	162.1390, -72.5310, -12.6190

Conversions

Conversions Part 2

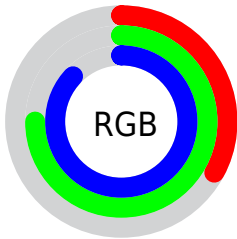
Format	Color
R_{YB}	85, 144, 221
Decimal	5619421
CIE _{Lab}	72.21, -21.15, -24.55
CIE _{LCh}	72, 32.408, 229.250
Yxy	43.9787, 0.2283, 0.2852
Android (android.graphics.Color)	4283809501 (0xFF55BEDD)
YUV	162.1390, 29.0185, -67.6509
Hunter-Lab	66.3164, -21.2958, -20.6497

Details

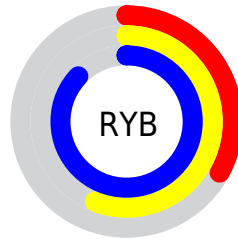
The Yxy color **43.9787, 0.2283, 0.2852** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **28.4951, 0.4814, 0.3640**, and the grayscale version is **36.0821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2425, 0.2528, 0.3186**, and **20.3615, 0.2085, 0.2707** is the 20% darker color. If you saturate the color by 10%, you get **40.9615, 0.2192, 0.2768**, and if you desaturate by 10%, it is **47.3971, 0.2392, 0.2934**.

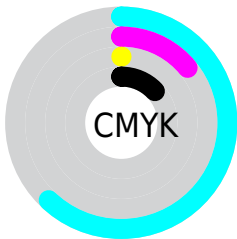
Distribution



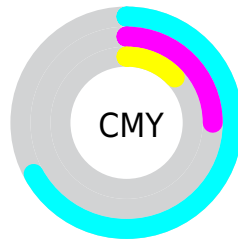
- Red (33%)
- Green (75%)
- Blue (87%)



- Red (33%)
- Yellow (56%)
- Blue (87%)



- Cyan (62%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9787, 0.2283, 0.2852 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 43.9787, 0.2283, 0.2852 by changing the saturation by 10% instead.

■ 43.9787, 0.2283,
0.2852

■ 43.9787, 0.2283,
0.2852

■ 362.6214, 0.2693,
0.3081

■ 30.6538, 0.2185,
0.2793

■ 81.1857, 0.2429,
0.2937

■ 20.3353, 0.2063,
0.2715

■ 105.8365, 0.2485,
0.2969

■ 12.6390, 0.1906,
0.2612

■ 135.0315, 0.2532,
0.2995

■ 7.1805, 0.1698,
0.2466

■ 169.1549, 0.2573,
0.3017

■ 3.5752, 0.1416,
0.2250

■ 208.5912, 0.2609,
0.3037

■ 1.4389, 0.1019,
0.1907

■ 253.7248, 0.2641,

■ 0.2451, 0.0000,

0.3054

0.0932

304.9400, 0.2668,
0.3068

0.0000, 0.0000,
0.0000

43.9787, 0.2283,
0.2852

43.9787, 0.2283,
0.2852

40.9615, 0.2192,
0.2768

47.3971, 0.2392,
0.2934

38.3086, 0.2120,
0.2683

51.2398, 0.2517,
0.3013

35.9836, 0.2068,
0.2599

55.5335, 0.2653,
0.3088

34.2214, 0.2036,
0.2529

60.3010, 0.2799,
0.3158

65.5635, 0.2950,
0.3223

71.3408, 0.3103,
0.3281

77.6513, 0.3257,
0.3334

83.2126, 0.3360,
0.3383

86.0568, 0.3354,
0.3433

Harmonies

Analogous

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



43.9787, 0.2404, 0.3253



43.9787, 0.2283, 0.2852



43.9787, 0.2364, 0.2610

Triad

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



43.9787, 0.2283, 0.2852



43.9787, 0.3523, 0.2912



43.9787, 0.3594, 0.4119

Complementary

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



43.9787, 0.2283, 0.2852



28.4951, 0.4814, 0.3640

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.



43.9787, 0.3932, 0.3945



43.9787, 0.2283, 0.2852



43.9787, 0.3900, 0.3253

Square

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



43.9787, 0.2283, 0.2852



43.9787, 0.3053, 0.2662



43.9787, 0.4051, 0.3623



43.9787, 0.3146, 0.4044

Rectangle

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



43.9787, 0.2283, 0.2852



43.9787, 0.2525, 0.2551



43.9787, 0.4051, 0.3623



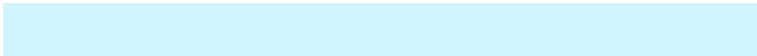
43.9787, 0.3725, 0.4085

Sweetspot

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



43.9803, 0.2283, 0.2852



85.8239, 0.2850, 0.3181



54.8523, 0.2905, 0.4879



17.9262, 0.2806, 0.3161



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.



43.9803, 0.2283, 0.2852



55.4990, 0.2168, 0.2742



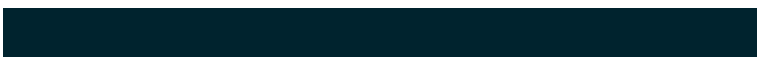
21.4375, 0.2052, 0.1838



14.3007, 0.2982, 0.3236



20.0633, 0.2040, 0.2542



1.4253, 0.2077, 0.2678

Inverse Universe

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



25.5764, 0.3548, 0.2143



29.9474, 0.3667, 0.1993



49.6574, 0.4251, 0.4373



13.2215, 0.3172, 0.3111



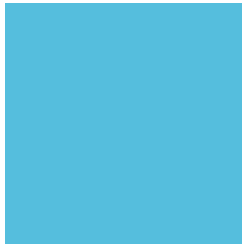
10.6492, 0.3881, 0.1911



0.7026, 0.3749, 0.1839

Previews

White Background



This preview shows how the Yxy color 43.9787, 0.2283, 0.2852 looks on a white background.

Color Contrast Check

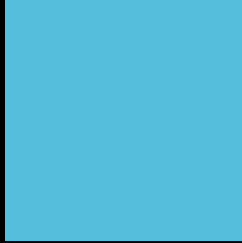
Large Text (above 18pt) WCAG AA × Fail

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 43.9787, 0.2283, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

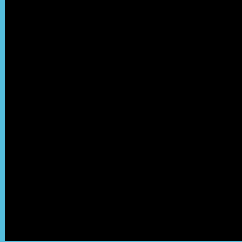
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9787, 0.2283, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 43.9787, 0.2283, 0.2852.

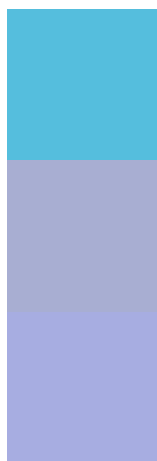


This preview shows how white text looks on a background with the Yxy color 43.9787, 0.2283, 0.2852.

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

43.9787, 0.2283, 0.2852

Protanopia

43.2501, 0.2801, 0.2823

Deuteranopia

43.5389, 0.2690, 0.2634



Tritanopia

43.9156, 0.2327, 0.3055

Trichromacy



Original Color

43.9787, 0.2283, 0.2852

Protanomaly

42.9008, 0.2567, 0.2828

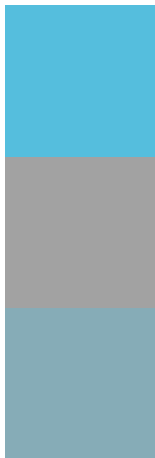
Deuteranomaly

42.9404, 0.2500, 0.2692

Tritanomaly

43.8150, 0.2308, 0.2971

Monochromacy



Original Color

43.9787, 0.2283, 0.2852

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.9923, 0.2727, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9787, 0.2283, 0.2852 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(85, 190, 221)` looks like.

```
.text, #text, p{  
    color:rgb(85, 190, 221)  
}
```

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(85, 190, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 190, 221) }
```

Border

The CSS property to change the border of an element to Yxy 43.9787, 0.2283, 0.2852 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(85, 190, 221) }
```

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

```
.border{ border-color:rgb(85, 190, 221) }
```

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

Here you see how a box with a 4 pixel rgb(85, 190, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 190, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 190, 221);  
box-shadow:4px 4px 4px 4px rgb(85, 190,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9787, 0.2283, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 190, 221) }
```

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

```
.background{ background-color: rgb(85, 190,  
221) }
```

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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