

Converting Colors

$Y_{xy}(43.6125, 0.2285, 0.2971)$

Have a look what the booklet for
Yxy(43.6125, 0.2285, 0.2971)
contains.

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Color

Yxy(43.5215, 0.2283, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	4ABFD5
RGB	74, 191, 213
RGB Percent	29%, 75%, 84%
CMY	0.7099, 0.2510, 0.1646
CMYK	0.65, 0.10, 0.00, 0.16
HSL	190°, 62%, 56%
HSV	190°, 65%, 84%
XYZ	33.4657, 43.5215, 69.5992
YIQ	158.5250, -76.7940, -17.9620

Conversions

Conversions Part 2

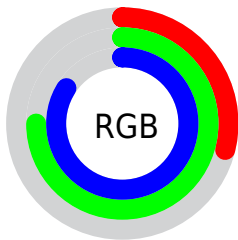
Format	Color
RYB	74, 138, 213
Decimal	4898773
CIELab	71.91, -25.84, -20.72
CIElCh	72, 33.125, 218.719
Yxy	43.5215, 0.2283, 0.2969
Android (android.graphics.Color)	4283088853 (0xFF4ABFD5)
YUV	158.5250, 26.8562, -74.1284
Hunter-Lab	65.9708, -24.8995, -16.3714

Details

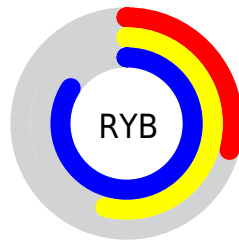
The Yxy color **43.5215, 0.2283, 0.2969** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **23.0096, 0.5051, 0.3537**, and the grayscale version is **34.3442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6732, 0.2494, 0.3208**, and **20.3599, 0.2130, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **41.3617, 0.2209, 0.2912**, and if you desaturate by 10%, it is **46.0045, 0.2376, 0.3025**.

Distribution



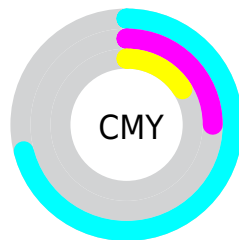
- Red (29%)
- Green (75%)
- Blue (84%)



- Red (29%)
- Yellow (54%)
- Blue (84%)



- Cyan (65%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)





- Cyan (71%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5215, 0.2283, 0.2969 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 43.5215, 0.2283, 0.2969 by changing the saturation by 10% instead.


 43.5215, 0.2283,
0.2969

 43.5215, 0.2283,
0.2969


360.7521, 0.2695,
0.3142


 30.2945, 0.2184,
0.2922


 80.4972, 0.2430,
0.3035


 20.0622, 0.2061,
0.2861


 105.0148, 0.2486,
0.3059

 12.4403, 0.1901,
0.2776

 134.0646, 0.2533,
0.3078

 7.0443, 0.1689,
0.2654

 168.0311, 0.2575,
0.3095

 3.4898, 0.1399,
0.2466

207.2987, 0.2610,
0.3110

 1.3925, 0.0964,
0.2158

252.2518, 0.2642,

 0.2112, 0.0000,

0.3122

0.1015

303.2748, 0.2670,
0.3133

0.0000, 0.0000,
0.0000

43.5215, 0.2283,
0.2969

43.5215, 0.2283,
0.2969

41.3617, 0.2209,
0.2912

46.0045, 0.2376,
0.3025

39.4898, 0.2154,
0.2856

48.8322, 0.2487,
0.3079

37.8702, 0.2117,
0.2800

52.0295, 0.2612,
0.3132

37.1601, 0.2104,
0.2773

55.6176, 0.2749,
0.3181

59.6159, 0.2895,
0.3227

■ 64.0425, 0.3046,
0.3269

■ 68.9142, 0.3200,
0.3308

■ 74.2471, 0.3355,
0.3342

■ 77.9693, 0.3429,
0.3375

Harmonies

Analogous

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



43.5215, 0.2477, 0.3418



43.5215, 0.2283, 0.2969



43.5215, 0.2294, 0.2658

Triad

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



43.5215, 0.2283, 0.2969



43.5215, 0.3366, 0.2800



43.5215, 0.3746, 0.4102

Complementary

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



43.5215, 0.2283, 0.2969



23.0096, 0.5051, 0.3537

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.



43.5215, 0.4024, 0.3855



43.5215, 0.2283, 0.2969



43.5215, 0.3805, 0.3122

Square

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



43.5215, 0.2283, 0.2969



43.5215, 0.2888, 0.2590



43.5215, 0.4052, 0.3498



43.5215, 0.3312, 0.4125

Rectangle

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



43.5215, 0.2283, 0.2969



43.5215, 0.2414, 0.2554



43.5215, 0.4052, 0.3498



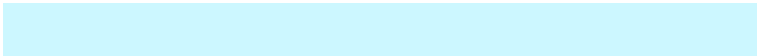
43.5215, 0.3862, 0.4039

Sweetspot

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



43.5231, 0.2283, 0.2969



86.5324, 0.2822, 0.3205



49.8767, 0.2943, 0.5118



18.1616, 0.2781, 0.3192



0.0000, 0.0000, 0.0000



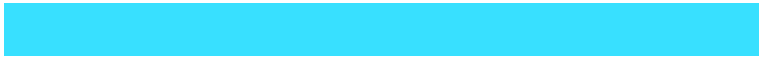
21.4041, 0.3127, 0.3290

Same Dimension

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



43.5231, 0.2283, 0.2969



61.1083, 0.2187, 0.2892



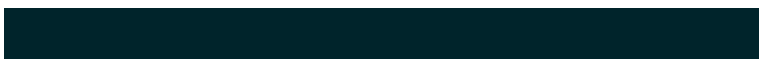
20.3392, 0.2026, 0.1884



13.7573, 0.2983, 0.3252



22.8190, 0.2106, 0.2781



1.4683, 0.2133, 0.2878

Inverse Universe

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



22.8065, 0.3455, 0.2005



29.4529, 0.3538, 0.1859



41.3224, 0.4396, 0.4323



12.5973, 0.3162, 0.3096



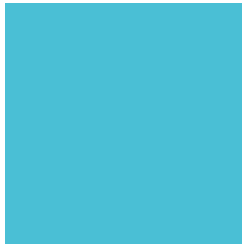
10.6484, 0.3652, 0.1785



0.6515, 0.3563, 0.1737

Previews

White Background



This preview shows how the Yxy color 43.5215, 0.2283, 0.2969 looks on a white background.

Color Contrast Check

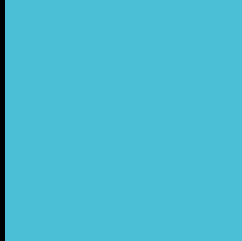
Large Text (above 18pt) WCAG AA × Fail

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 43.5215, 0.2283, 0.2969 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 43.5215, 0.2283, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 43.5215, 0.2283, 0.2969.



This preview shows how white text looks on a background with the Yxy color 43.5215, 0.2283, 0.2969.

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

43.5215, 0.2283, 0.2969

Protanopia

43.0352, 0.2882, 0.2935

Deuteranopia

42.6816, 0.2765, 0.2703



Tritanopia

43.5439, 0.2304, 0.3067

Trichromacy



Original Color

43.5215, 0.2283, 0.2969



Protanomaly

42.2012, 0.2602, 0.2941



Deuteranomaly

41.9496, 0.2532, 0.2773



Tritanomaly

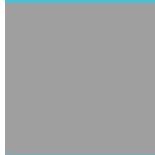
43.6804, 0.2298, 0.3039

Monochromacy



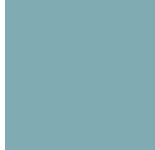
Original Color

43.5215, 0.2283, 0.2969



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

36.9697, 0.2708, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5215, 0.2283, 0.2969 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(74, 191, 213)` looks like.

```
.text, #text, p{  
    color:rgb(74, 191, 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(74, 191, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 191, 213) }
```

Border

The CSS property to change the border of an element to Yxy 43.5215, 0.2283, 0.2969 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(74, 191, 213) }
```

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

```
.border{ border-color:rgb(74, 191, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 191, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 191, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 191, 213);  
box-shadow:4px 4px 4px 4px rgb(74, 191,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5215, 0.2283, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 191, 213) }
```

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

```
.background{ background-color: rgb(74, 191,  
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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