

Converting Colors

$Yxy(43.6547, 0.2339, 0.3041)$

Have a look what the booklet for
Yxy(43.6547, 0.2339, 0.3041)
contains.

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Color

Yxy(43.6547, 0.2339, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	53BFD0
RGB	83, 191, 208
RGB Percent	33%, 75%, 82%
CMY	0.6748, 0.2509, 0.1844
CMYK	0.60, 0.08, 0.00, 0.18
HSL	188°, 57%, 57%
HSV	188°, 60%, 82%
XYZ	33.5772, 43.6547, 66.3218
YIQ	160.6460, -69.8250, -17.6090

Conversions

Conversions Part 2

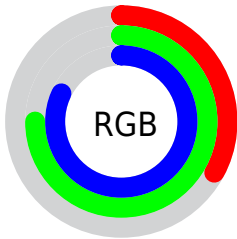
Format	Color
R_{YB}	83, 141, 208
Decimal	5488592
CIE _{Lab}	72.00, -25.84, -17.82
CIE _{LCh}	72, 31.386, 214.588
Yxy	43.6547, 0.2339, 0.3041
Android (android.graphics.Color)	4283678672 (0xFF53BFD0)
YUV	160.6460, 23.3455, -68.0955
Hunter-Lab	66.0717, -24.9129, -13.2643

Details

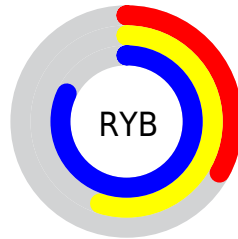
The Yxy color **43.6547, 0.2339, 0.3041** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **23.1288, 0.4852, 0.3494**, and the grayscale version is **35.3749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2841, 0.2523, 0.3209**, and **20.2244, 0.2151, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **41.6291, 0.2258, 0.2993**, and if you desaturate by 10%, it is **45.9909, 0.2438, 0.3088**.

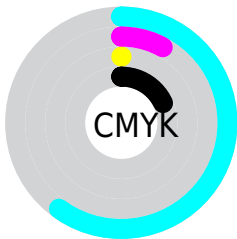
Distribution



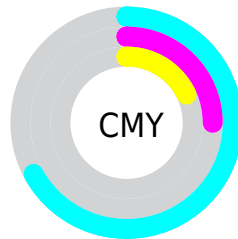
- Red (33%)
- Green (75%)
- Blue (82%)



- Red (33%)
- Yellow (55%)
- Blue (82%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)




- Cyan (67%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6547, 0.2339, 0.3041 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 43.6547, 0.2339, 0.3041 by changing the saturation by 10% instead.


 43.6547, 0.2339,
0.3041

 43.6547, 0.2339,
0.3041


361.2973, 0.2725,
0.3177


 30.3991, 0.2246,
0.3004


 80.6979, 0.2477,
0.3093


 20.1417, 0.2129,
0.2954


 105.2543, 0.2529,
0.3112

 12.4981, 0.1977,
0.2885


 134.3465, 0.2574,
0.3127

 7.0839, 0.1774,
0.2784

 168.3588, 0.2613,
0.3141

 3.5146, 0.1491,
0.2626

207.6757, 0.2646,
0.3152

 1.4059, 0.1059,
0.2357

252.6814, 0.2676,

 0.2211, 0.0000,

0.3161

0.1223

303.7605, 0.2702,
0.3170

■ 0.0000, 0.0000,
0.0000

■ 43.6547, 0.2339,
0.3041

■ 43.6547, 0.2339,
0.3041

■ 41.6291, 0.2258,
0.2993

■ 45.9909, 0.2438,
0.3088

■ 39.8828, 0.2196,
0.2945

■ 48.6560, 0.2554,
0.3133

■ 38.3862, 0.2153,
0.2897


■ 51.6723, 0.2684,
0.3177

■ 37.0967, 0.2125,
0.2851


■ 55.0590, 0.2824,
0.3217

■ 58.8335, 0.2972,
0.3255

 63.0122, 0.3125,
0.3290

 67.6106, 0.3280,
0.3321

 72.6431, 0.3435,
0.3349

 75.1416, 0.3473,
0.3377

Harmonies

Analogous

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



43.6547, 0.2551, 0.3475



43.6547, 0.2339, 0.3041



43.6547, 0.2322, 0.2722

Triad

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



43.6547, 0.2339, 0.3041



43.6547, 0.3291, 0.2789



43.6547, 0.3763, 0.4038

Complementary

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



43.6547, 0.2339, 0.3041



23.1288, 0.4852, 0.3494

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.



43.6547, 0.3996, 0.3787



43.6547, 0.2339, 0.3041



43.6547, 0.3720, 0.3085

Square

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



43.6547, 0.2339, 0.3041



43.6547, 0.2844, 0.2607



43.6547, 0.3985, 0.3440



43.6547, 0.3365, 0.4091

Rectangle

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



43.6547, 0.2339, 0.3041



43.6547, 0.2419, 0.2606



43.6547, 0.3985, 0.3440



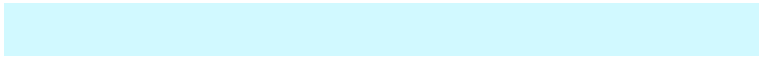
43.6547, 0.3864, 0.3971

Sweetspot

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



43.6563, 0.2339, 0.3041



88.3987, 0.2852, 0.3225



47.8541, 0.2960, 0.4988



18.5618, 0.2809, 0.3213



0.0000, 0.0000, 0.0000



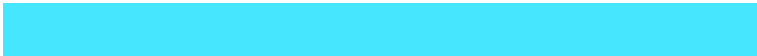
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6563, 0.2339, 0.3041



65.2114, 0.2239, 0.2980



22.0342, 0.2117, 0.2049



13.1219, 0.2983, 0.3258



23.2282, 0.2127, 0.2858



1.3762, 0.2151, 0.2944

Inverse Universe

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



23.3468, 0.3389, 0.2055



31.5350, 0.3455, 0.1885



39.9198, 0.4302, 0.4239



11.9803, 0.3158, 0.3091



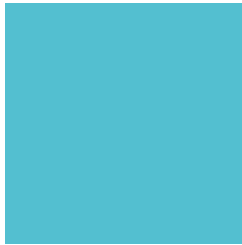
10.4162, 0.3582, 0.1747



0.5902, 0.3503, 0.1704

Previews

White Background



This preview shows how the Yxy color 43.6547, 0.2339, 0.3041 looks on a white background.

Color Contrast Check

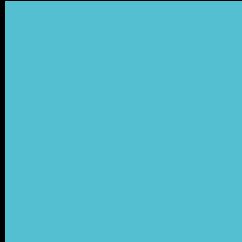
Large Text (above 18pt) WCAG AA × Fail

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 43.6547, 0.2339, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

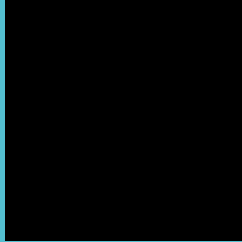
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6547, 0.2339, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 43.6547, 0.2339, 0.3041.



This preview shows how white text looks on a background with the Yxy color 43.6547, 0.2339, 0.3041.

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

43.6547, 0.2339, 0.3041

Protanopia

43.0740, 0.2928, 0.2987

Deuteranopia

42.8780, 0.2832, 0.2766



Tritanopia

43.5604, 0.2340, 0.3054

Trichromacy



Original Color

43.6547, 0.2339, 0.3041

Protanomaly

42.4350, 0.2661, 0.2997

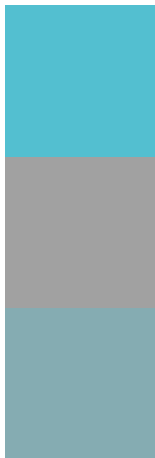
Deuteranomaly

42.2067, 0.2602, 0.2840

Tritanomaly

43.5604, 0.2340, 0.3054

Monochromacy



Original Color

43.6547, 0.2339, 0.3041

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

37.7059, 0.2754, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6547, 0.2339, 0.3041 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(83, 191, 208)` looks like.

```
.text, #text, p{  
    color:rgb(83, 191, 208)  
}
```

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(83, 191, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 191, 208) }
```

Border

The CSS property to change the border of an element to Yxy 43.6547, 0.2339, 0.3041 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(83, 191, 208) }
```

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

```
.border{ border-color:rgb(83, 191, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 191, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 191, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 191, 208);  
box-shadow:4px 4px 4px 4px rgb(83, 191,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6547, 0.2339, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 191, 208) }
```

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

```
.background{ background-color: rgb(83, 191,  
208) }
```

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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