

Converting Colors

$Yxy(46.1423, 0.2343, 0.2976)$

Have a look what the booklet for
Yxy(46.1423, 0.2343, 0.2976)
contains.

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Color

Yxy(46.3153, 0.2345, 0.2980)

Conversions

Conversions Part 1

Format	Color
Hex	5CC3D9
RGB	92, 195, 217
RGB Percent	36%, 76%, 85%
CMY	0.6395, 0.2352, 0.1490
CMYK	0.58, 0.10, 0.00, 0.15
HSL	191°, 62%, 61%
HSV	191°, 58%, 85%
XYZ	36.4461, 46.3153, 72.6591
YIQ	166.7110, -68.4500, -14.9940

Conversions

Conversions Part 2

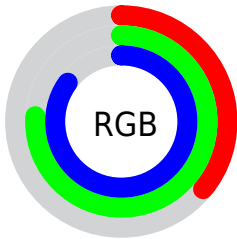
Format	Color
R _Y B	92, 148, 217
Decimal	6079449
CIE Lab	73.75, -23.60, -20.03
CIE LCh	74, 30.956, 220.324
Yxy	46.3153, 0.2345, 0.2980
Android (android.graphics.Color)	4284269529 (0xFF5CC3D9)
YUV	166.7110, 24.7925, -65.5215
Hunter-Lab	68.0553, -23.5036, -15.6620

Details

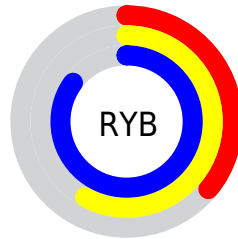
The Yxy color **46.3153, 0.2345, 0.2980** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **27.5346, 0.4711, 0.3549**, and the grayscale version is **38.3893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5162, 0.2565, 0.3255**, and **21.7100, 0.2142, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **43.6688, 0.2254, 0.2917**, and if you desaturate by 10%, it is **49.3288, 0.2454, 0.3041**.

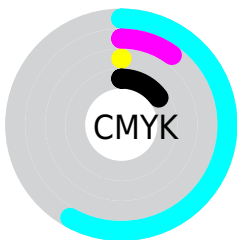
Distribution



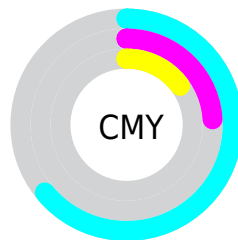
- Red (36%)
- Green (76%)
- Blue (85%)



- Red (36%)
- Yellow (58%)
- Blue (85%)



- Cyan (58%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)





- Cyan (64%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3153, 0.2345, 0.2980 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 46.3153, 0.2345, 0.2980 by changing the saturation by 10% instead.

 46.3153, 0.2345,
0.2980

 46.3153, 0.2345,
0.2980

372.0748, 0.2724,
0.3145


 32.4947, 0.2255,
0.2937


 84.6907, 0.2480,
0.3042


 21.7396, 0.2142,
0.2880


 110.0142, 0.2531,
0.3064

 13.6657, 0.1997,
0.2803


 139.9409, 0.2575,
0.3083

 7.8885, 0.1804,
0.2693

 174.8551, 0.2613,
0.3099

 4.0237, 0.1539,
0.2526

215.1412, 0.2646,
0.3113

 1.6868, 0.1162,
0.2250

261.1836, 0.2675,

 0.4151, 0.0000,

0.3125

0.1616

313.3667, 0.2701,
0.3135

0.0000, 0.0000,
0.0000

46.3153, 0.2345,
0.2980

46.3153, 0.2345,
0.2980

43.6688, 0.2254,
0.2917

49.3288, 0.2454,
0.3041

41.3556, 0.2182,
0.2853

52.7292, 0.2578,
0.3100

39.3440, 0.2129,
0.2790

56.5410, 0.2714,
0.3156

37.5882, 0.2094,
0.2727

60.7850, 0.2859,
0.3208

37.1932, 0.2087,
0.2712

65.4805, 0.3010,
0.3256

70.6456, 0.3164,
0.3300

76.2972, 0.3318,
0.3339

80.4019, 0.3394,
0.3376

82.4932, 0.3389,
0.3414

Harmonies

Analogous

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



46.3153, 0.2516, 0.3386



46.3153, 0.2345, 0.2980



46.3153, 0.2365, 0.2701

Triad

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



46.3153, 0.2345, 0.2980



46.3153, 0.3371, 0.2852



46.3153, 0.3678, 0.4041

Complementary

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



46.3153, 0.2345, 0.2980



27.5346, 0.4711, 0.3549

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.



46.3153, 0.3942, 0.3829



46.3153, 0.2345, 0.2980



46.3153, 0.3765, 0.3156

Square

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



46.3153, 0.2345, 0.2980



46.3153, 0.2931, 0.2651



46.3153, 0.3978, 0.3504



46.3153, 0.3277, 0.4044

Rectangle

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



46.3153, 0.2345, 0.2980



46.3153, 0.2483, 0.2609



46.3153, 0.3978, 0.3504



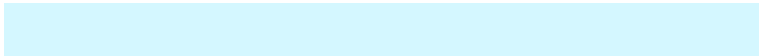
46.3153, 0.3787, 0.3990

Sweetspot

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



46.3170, 0.2345, 0.2980



87.9203, 0.2866, 0.3211



53.0806, 0.2943, 0.4853



18.5407, 0.2836, 0.3200



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.



46.3170, 0.2345, 0.2980



62.2381, 0.2238, 0.2904



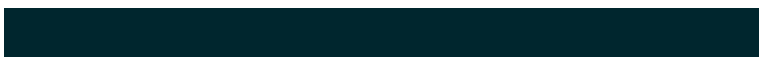
24.2241, 0.2142, 0.2042



14.4199, 0.2982, 0.3248



22.6556, 0.2089, 0.2722



1.5721, 0.2118, 0.2824

Inverse Universe

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



26.3323, 0.3435, 0.2139



32.2453, 0.3517, 0.1972



46.3001, 0.4219, 0.4253



13.2335, 0.3164, 0.3099



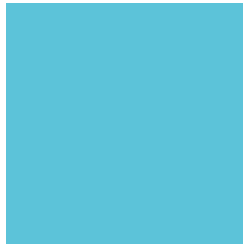
10.9109, 0.3708, 0.1816



0.7174, 0.3613, 0.1764

Previews

White Background



This preview shows how the Yxy color 46.3153, 0.2345, 0.2980 looks on a white background.

Color Contrast Check

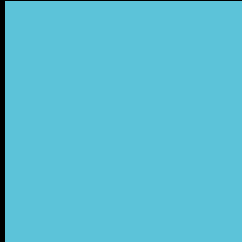
Large Text (above 18pt) WCAG AA × Fail

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 46.3153, 0.2345, 0.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

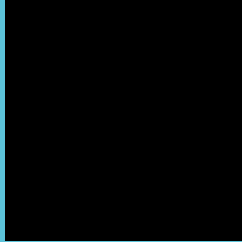
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3153, 0.2345, 0.2980

Background



This preview shows how black text looks on a background with the Yxy color 46.3153, 0.2345, 0.2980.



This preview shows how white text looks on a background with the Yxy color 46.3153, 0.2345, 0.2980.

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

46.3153, 0.2345, 0.2980

Protanopia

45.8104, 0.2888, 0.2944

Deuteranopia

45.6182, 0.2796, 0.2730



Tritanopia

46.4070, 0.2364, 0.3061

Trichromacy



Original Color

46.3153, 0.2345, 0.2980

Protanomaly

45.3708, 0.2647, 0.2954

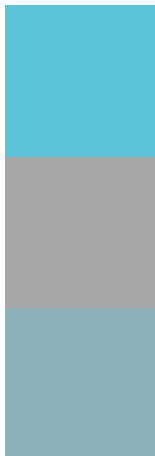
Deuteranomaly

45.1453, 0.2589, 0.2803

Tritanomaly

46.5590, 0.2359, 0.3034

Monochromacy



Original Color

46.3153, 0.2345, 0.2980

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.5225, 0.2764, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3153, 0.2345, 0.2980 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(92, 195, 217)` looks like.

```
.text, #text, p{  
    color:rgb(92, 195, 217)  
}
```

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(92, 195, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 195, 217) }
```

Border

The CSS property to change the border of an element to Yxy 46.3153, 0.2345, 0.2980 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(92, 195, 217) }
```

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

```
.border{ border-color:rgb(92, 195, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 195, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 195, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 195, 217);  
box-shadow:4px 4px 4px 4px rgb(92, 195,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3153, 0.2345, 0.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 195, 217) }
```

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

```
.background{ background-color: rgb(92, 195,  
217) }
```

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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