

Converting Colors

$Y_{xy}(41.6090, 0.2583, 0.3220)$

Have a look what the booklet for
Yxy(41.6090, 0.2583, 0.3220)
contains.

Yxy(41.5999, 0.2581, 0.3215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.5999, 0.2581, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	73B8BD
RGB	115, 184, 189
RGB Percent	45%, 72%, 74%
CMY	0.5489, 0.2784, 0.2589
CMYK	0.39, 0.03, 0.00, 0.26
HSL	184°, 36%, 60%
HSV	184°, 39%, 74%
XYZ	33.3964, 41.5999, 54.3969
YIQ	163.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

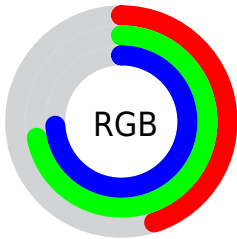
Format	Color
RYB	115, 151, 189
Decimal	7583933
CIELab	70.59, -20.43, -9.40
CIELCh	71, 22.485, 204.702
Yxy	41.5999, 0.2581, 0.3215
Android (android.graphics.Color)	4285774013 (0xFF73B8BD)
YUV	163.9390, 12.3551, -42.9195
Hunter-Lab	64.4980, -20.4461, -4.8559

Details

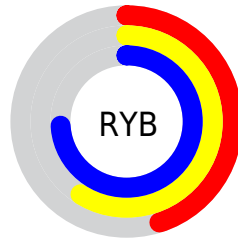
The Yxy color **41.5999, 0.2581, 0.3215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **25.4876, 0.4062, 0.3362**, and the grayscale version is **37.0526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4588, 0.2680, 0.3232**, and **19.0023, 0.2427, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **39.9232, 0.2471, 0.3193**, and if you desaturate by 10%, it is **43.5472, 0.2706, 0.3236**.

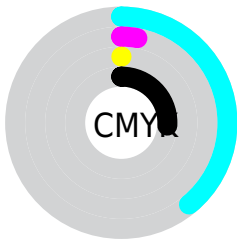
Distribution



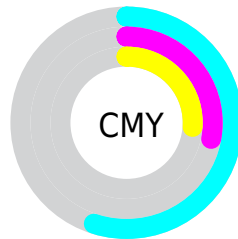
- Red (45%)
- Green (72%)
- Blue (74%)



- Red (45%)
- Yellow (59%)
- Blue (74%)



- Cyan (39%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)





- Cyan (55%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5999, 0.2581, 0.3215 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 41.5999, 0.2581, 0.3215 by changing the saturation by 10% instead.


 41.5999, 0.2581,
0.3215


 41.5999, 0.2581,
0.3215


352.8217, 0.2855,
0.3259

 28.7881, 0.2513,
0.3202


 77.5937, 0.2680,
0.3232

 18.9206, 0.2425,
0.3184


 101.5446, 0.2718,
0.3238

 11.6129, 0.2309,
0.3159


 129.9773, 0.2749,
0.3243

 6.4807, 0.2149,
0.3119

163.2761, 0.2776,
0.3247

 3.1395, 0.1912,
0.3050

201.8256, 0.2800,
0.3251

 1.2050, 0.1497,
0.2927

246.0101, 0.2820,

 0.0658, 0.0000,

0.3254

0.0828

296.2140, 0.2838,
0.3256

0.0000, 0.0000,
0.0000

41.5999, 0.2581,
0.3215

41.5999, 0.2581,
0.3215

39.9232, 0.2471,
0.3193

43.5472, 0.2706,
0.3236

38.4960, 0.2379,
0.3171

45.7751, 0.2842,
0.3256

37.3021, 0.2304,
0.3148


48.2988, 0.2988,
0.3274

36.3210, 0.2249,
0.3125


51.1312, 0.3141,
0.3291

35.5289, 0.2212,
0.3103


54.2842, 0.3297,
0.3307


 34.8831, 0.2190,
0.3080

 57.7693, 0.3454,
0.3321

 34.8288, 0.2189,
0.3079

 61.5972, 0.3609,
0.3333

 63.5897, 0.3670,
0.3346

 64.1583, 0.3666,
0.3359

Harmonies

Analogous

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



41.5999, 0.2786, 0.3529



41.5999, 0.2581, 0.3215



41.5999, 0.2516, 0.2944

Triad

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



41.5999, 0.2581, 0.3215



41.5999, 0.3140, 0.2860



41.5999, 0.3667, 0.3795

Complementary

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



41.5999, 0.2581, 0.3215



25.4876, 0.4062, 0.3362

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.



41.5999, 0.3778, 0.3587



41.5999, 0.2581, 0.3215



41.5999, 0.3465, 0.3061

Square

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



41.5999, 0.2581, 0.3215



41.5999, 0.2826, 0.2760



41.5999, 0.3704, 0.3321



41.5999, 0.3412, 0.3875

Rectangle

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



41.5999, 0.2581, 0.3215



41.5999, 0.2558, 0.2824



41.5999, 0.3704, 0.3321



41.5999, 0.3723, 0.3736

Sweetspot

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



41.6015, 0.2581, 0.3215



85.0883, 0.2943, 0.3269



41.3854, 0.3039, 0.4390



18.1695, 0.2924, 0.3266



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



41.6015, 0.2581, 0.3215



71.9121, 0.2485, 0.3196



28.2102, 0.2494, 0.2635



10.6967, 0.2985, 0.3274



23.4865, 0.2189, 0.3081



0.9533, 0.2204, 0.3135

Inverse Universe

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



26.5450, 0.3225, 0.2394



41.3920, 0.3250, 0.2211



36.1447, 0.3860, 0.3863



9.6849, 0.3148, 0.3079



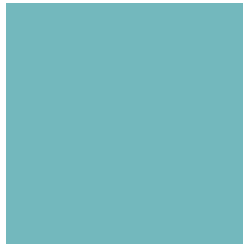
9.4007, 0.3383, 0.1637



0.3716, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 41.5999, 0.2581, 0.3215 looks on a white background.

Color Contrast Check

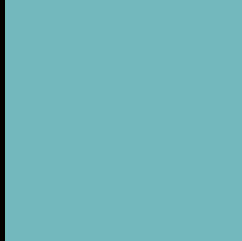
Large Text (above 18pt) WCAG AA × Fail

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 41.5999, 0.2581, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

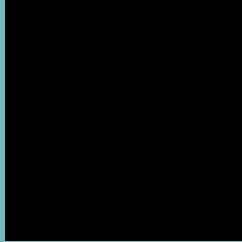
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5999, 0.2581, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 41.5999, 0.2581, 0.3215.



This preview shows how white text looks on a background with the Yxy color 41.5999, 0.2581, 0.3215.

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

41.5999, 0.2581, 0.3215

Protanopia

41.2327, 0.3054, 0.3154

Deuteranopia

41.0269, 0.3026, 0.2962



Tritanopia

41.6801, 0.2543, 0.3085

Trichromacy



Original Color

41.5999, 0.2581, 0.3215

Protanomaly

41.0907, 0.2856, 0.3176

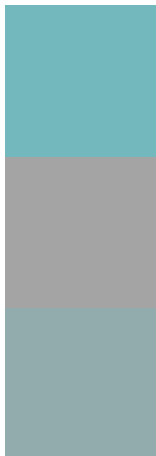
Deuteranomaly

40.7166, 0.2842, 0.3040

Tritanomaly

41.4750, 0.2554, 0.3128

Monochromacy



Original Color

41.5999, 0.2581, 0.3215

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.2539, 0.2894, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5999, 0.2581, 0.3215 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(115, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(115, 184, 189)  
}
```

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(115, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.5999, 0.2581, 0.3215 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(115, 184, 189) }
```

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

```
.border{ border-color:rgb(115, 184, 189) }
```

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

Here you see how a box with a 4 pixel rgb(115, 184, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(115, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5999, 0.2581, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 184, 189) }
```

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

```
.background{ background-color: rgb(115,  
184, 189) }
```

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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