

Converting Colors

$Y_{xy}(50.1776, 0.2733, 0.3368)$

Have a look what the booklet for
Yxy(50.1776, 0.2733, 0.3368)
contains.

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Color

Yxy(50.1861, 0.2734, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	8BC7C1
RGB	139, 199, 193
RGB Percent	55%, 78%, 76%
CMY	0.4547, 0.2196, 0.2432
CMYK	0.30, 0.00, 0.03, 0.22
HSL	174°, 35%, 66%
HSV	174°, 30%, 78%
XYZ	40.7027, 50.1861, 57.9872
YIQ	180.3760, -33.8340, -14.5860

Conversions

Conversions Part 2

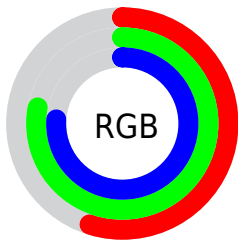
Format	Color
RYB	139, 171, 199
Decimal	9160641
CIELab	76.18, -20.47, -3.18
CIElCh	76, 20.711, 188.824
Yxy	50.1861, 0.2734, 0.3371
Android (android.graphics.Color)	4287350721 (0xFF8BC7C1)
YUV	180.3760, 6.2236, -36.2868
Hunter-Lab	70.8421, -21.4157, 1.0582

Details

The Yxy color **50.1861, 0.2734, 0.3371** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.6703, 0.3727, 0.3212**, and the grayscale version is **45.8410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8289, 0.2803, 0.3353**, and **24.1227, 0.2622, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **48.5389, 0.2625, 0.3402**, and if you desaturate by 10%, it is **52.1503, 0.2856, 0.3342**.

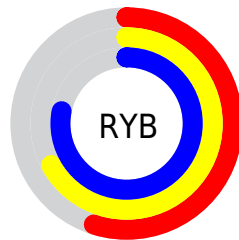
Distribution



Red (55%)

Green (78%)

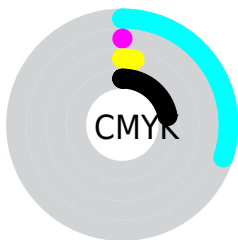
Blue (76%)



Red (55%)

Yellow (67%)

Blue (78%)

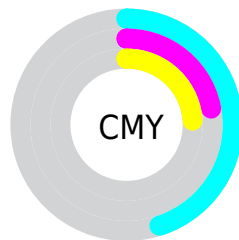


Cyan (30%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (45%)


Magenta (22%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1861, 0.2734, 0.3371 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 50.1861, 0.2734, 0.3371 by changing the saturation by 10% instead.


 50.1861, 0.2734,
0.3371

 50.1861, 0.2734,
0.3371


387.3933, 0.2927,
0.3333

 35.5613, 0.2687,
0.3380


 90.4505, 0.2803,
0.3358

 24.0956, 0.2628,
0.3391


 116.8590, 0.2829,
0.3353

 15.4045, 0.2550,
0.3404


 147.9641, 0.2852,
0.3348

 9.1038, 0.2443,
0.3422

184.1502, 0.2871,
0.3344

 4.8089, 0.2289,
0.3446

225.8018, 0.2887,
0.3341

 2.1356, 0.2048,
0.3478


273.3033, 0.2902,


 0.6845, 0.0838,


0.3338


0.3797


327.0389, 0.2915,
0.3335


 0.0000, 0.0000,
0.0000

 50.1861, 0.2734,
0.3371


 50.1861, 0.2734,
0.3371


 48.5389, 0.2625,
0.3402


 52.1503, 0.2856,
0.3342

 47.1858, 0.2532,
0.3434


 54.4412, 0.2987,
0.3315

 46.1103, 0.2455,
0.3468


 57.0754, 0.3125,
0.3290

 45.2916, 0.2398,
0.3502


 60.0666, 0.3268,
0.3268

 44.7064, 0.2360,
0.3537

 63.4277, 0.3413,
0.3248

 44.3268, 0.2340,
0.3571

 66.5095, 0.3529,
0.3230

 44.1013, 0.2335,
0.3604

 66.6064, 0.3514,
0.3209

 66.7045, 0.3498,
0.3189

 66.8038, 0.3482,
0.3169

Harmonies

Analogous

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



50.1861, 0.2965, 0.3622



50.1861, 0.2734, 0.3371



50.1861, 0.2609, 0.3108

Triad

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



50.1861, 0.2734, 0.3371



50.1861, 0.2989, 0.2856



50.1861, 0.3664, 0.3645

Complementary

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



50.1861, 0.2734, 0.3371



32.6703, 0.3727, 0.3212

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.



50.1861, 0.3675, 0.3431



50.1861, 0.2734, 0.3371



50.1861, 0.3275, 0.2989

Square

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



50.1861, 0.2734, 0.3371



50.1861, 0.2750, 0.2825



50.1861, 0.3531, 0.3195



50.1861, 0.3504, 0.3777

Rectangle

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



50.1861, 0.2734, 0.3371



50.1861, 0.2598, 0.2967



50.1861, 0.3531, 0.3195



50.1861, 0.3686, 0.3580

Sweetspot

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



50.1881, 0.2734, 0.3371



95.7570, 0.3000, 0.3312



48.8258, 0.3139, 0.4148



20.3593, 0.2980, 0.3316



0.0000, 0.0000, 0.0000



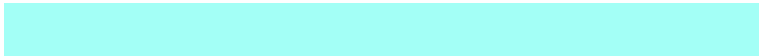
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1881, 0.2734, 0.3371



85.9695, 0.2663, 0.3391



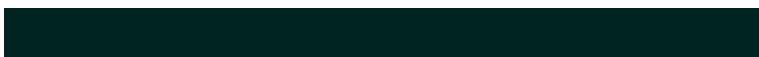
40.6757, 0.2661, 0.2966



12.0485, 0.2997, 0.3313



28.3674, 0.2333, 0.3600



1.3486, 0.2314, 0.3529

Inverse Universe

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



32.6703, 0.3727, 0.3212



50.5193, 0.3913, 0.3195



39.8601, 0.3707, 0.3592



10.6539, 0.3274, 0.3267



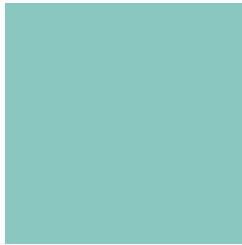
7.8461, 0.6271, 0.3229



0.3775, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 50.1861, 0.2734, 0.3371 looks on a white background.

Color Contrast Check

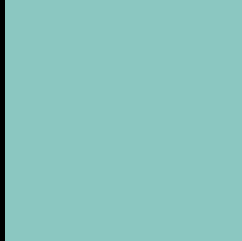
Large Text (above 18pt) WCAG AA × Fail

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 50.1861, 0.2734, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

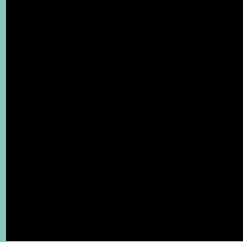
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

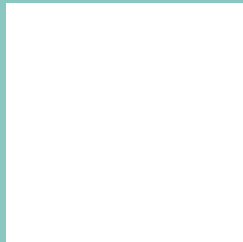
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1861, 0.2734, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 50.1861, 0.2734, 0.3371.



This preview shows how white text looks on a background with the Yxy color 50.1861, 0.2734, 0.3371.

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

50.1861, 0.2734, 0.3371

Protanopia

49.7393, 0.3169, 0.3290

Deuteranopia

49.9046, 0.3170, 0.3108



Tritanopia

50.0730, 0.2640, 0.3077

Trichromacy



Original Color

50.1861, 0.2734, 0.3371

Protanomaly

49.7064, 0.2990, 0.3316

Deuteranomaly

49.4169, 0.2987, 0.3187

Tritanomaly

50.0911, 0.2677, 0.3182

Monochromacy



Original Color

50.1861, 0.2734, 0.3371

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.0428, 0.2964, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1861, 0.2734, 0.3371 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(139, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(139, 199, 193)  
}
```

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(139, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 50.1861, 0.2734, 0.3371 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(139, 199, 193) }
```

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

```
.border{ border-color:rgb(139, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(139, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1861, 0.2734, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 199, 193) }
```

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

```
.background{ background-color: rgb(139,  
199, 193) }
```

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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