

Converting Colors

$Yxy(45.1187, 0.2805, 0.3366)$

Have a look what the booklet for
Yxy(45.1187, 0.2805, 0.3366)
contains.

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Color

Yxy(45.1361, 0.2805, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	8EBCB7
RGB	142, 188, 183
RGB Percent	56%, 74%, 72%
CMY	0.4432, 0.2627, 0.2824
CMYK	0.24, 0.00, 0.03, 0.26
HSL	173°, 26%, 65%
HSV	173°, 24%, 74%
XYZ	37.6806, 45.1361, 51.5169
YIQ	173.6760, -25.8110, -11.3070

Conversions

Conversions Part 2

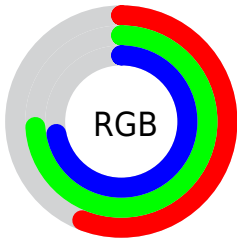
Format	Color
RYB	142, 166, 188
Decimal	9354423
CIELab	72.98, -16.23, -2.43
CIElCh	73, 16.414, 188.510
Yxy	45.1361, 0.2805, 0.3360
Android (android.graphics.Color)	4287544503 (0xFF8EBCB7)
YUV	173.6760, 4.5967, -27.7799
Hunter-Lab	67.1834, -17.4572, 1.5642

Details

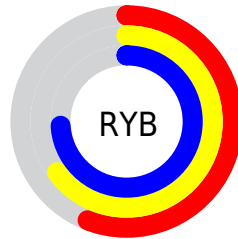
The Yxy color **45.1361, 0.2805, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.1370, 0.3577, 0.3222**, and the grayscale version is **42.1362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8037, 0.2865, 0.3343**, and **21.1133, 0.2713, 0.3388** is the 20% darker color. If you saturate the color by 10%, you get **43.5283, 0.2690, 0.3393**, and if you desaturate by 10%, it is **47.0293, 0.2931, 0.3330**.

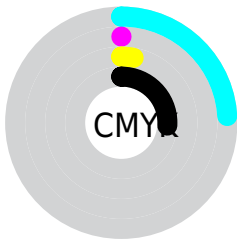
Distribution



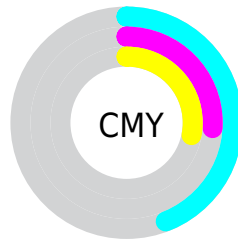
- Red (56%)
- Green (74%)
- Blue (72%)



- Red (56%)
- Yellow (65%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1361, 0.2805, 0.3360 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 45.1361, 0.2805, 0.3360 by changing the saturation by 10% instead.

■ 45.1361, 0.2805,
0.3360

■ 45.1361, 0.2805,
0.3360

■ 367.3245, 0.2966,
0.3326

■ 31.5646, 0.2765,
0.3368

■ 82.9246, 0.2863,
0.3348

■ 21.0292, 0.2713,
0.3378

■ 107.9104, 0.2885,
0.3343

■ 13.1453, 0.2645,
0.3392

■ 137.4699, 0.2904,
0.3339

■ 7.5287, 0.2549,
0.3409

■ 171.9873, 0.2920,
0.3336

■ 3.7949, 0.2406,
0.3434

■ 211.8470, 0.2934,
0.3333

■ 1.5595, 0.2173,
0.3470

■ 257.4336, 0.2946,

■ 0.3301, 0.0000,

0.3331

0.3841

309.1312, 0.2957,
0.3328

0.0000, 0.0000,
0.0000

45.1361, 0.2805,
0.3360

45.1361, 0.2805,
0.3360

43.5283, 0.2690,
0.3393

47.0293, 0.2931,
0.3330

42.1864, 0.2588,
0.3427

49.2154, 0.3065,
0.3302

41.0968, 0.2503,
0.3463

51.7086, 0.3204,
0.3276

40.2427, 0.2435,
0.3500

54.5204, 0.3347,
0.3254

39.6053, 0.2387,
0.3538

57.6618, 0.3489,
0.3233

■ 39.1626, 0.2357,
0.3575

■ 61.1432, 0.3630,
0.3216

■ 38.8884, 0.2345,
0.3612

■ 61.2788, 0.3615,
0.3194

■ 38.7793, 0.2343,
0.3633

■ 61.3738, 0.3598,
0.3173

■ 61.4701, 0.3580,
0.3152

Harmonies

Analogous

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



45.1361, 0.2997, 0.3562



45.1361, 0.2805, 0.3360



45.1361, 0.2699, 0.3145

Triad

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



45.1361, 0.2805, 0.3360



45.1361, 0.3012, 0.2929



45.1361, 0.3568, 0.3583

Complementary

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



45.1361, 0.2805, 0.3360



32.1370, 0.3577, 0.3222

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.



45.1361, 0.3575, 0.3408



45.1361, 0.2805, 0.3360



45.1361, 0.3247, 0.3039

Square

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



45.1361, 0.2805, 0.3360



45.1361, 0.2815, 0.2906



45.1361, 0.3456, 0.3211



45.1361, 0.3440, 0.3689

Rectangle

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



45.1361, 0.2805, 0.3360



45.1361, 0.2689, 0.3028



45.1361, 0.3456, 0.3211



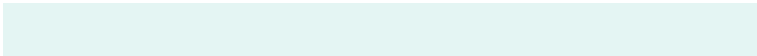
45.1361, 0.3585, 0.3530

Sweetspot

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



45.1379, 0.2805, 0.3360



88.0897, 0.3029, 0.3309



44.1583, 0.3139, 0.3965



18.8909, 0.3021, 0.3310



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.



45.1379, 0.2805, 0.3360



80.2778, 0.2746, 0.3376



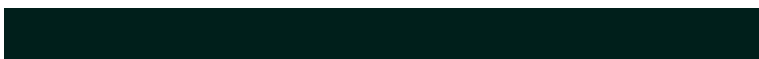
38.2654, 0.2750, 0.3035



10.7911, 0.2999, 0.3315



26.4061, 0.2341, 0.3628



1.0395, 0.2316, 0.3539

Inverse Universe

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



32.1370, 0.3577, 0.3222



52.9337, 0.3701, 0.3207



37.6552, 0.3576, 0.3532



9.5529, 0.3272, 0.3265



7.3205, 0.6252, 0.3218



0.2925, 0.5794, 0.2966

Previews

White Background



This preview shows how the Yxy color 45.1361, 0.2805, 0.3360 looks on a white background.

Color Contrast Check

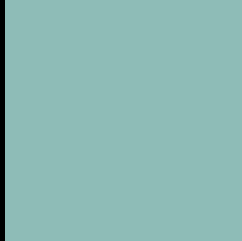
Large Text (above 18pt) WCAG AA × Fail

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 45.1361, 0.2805, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

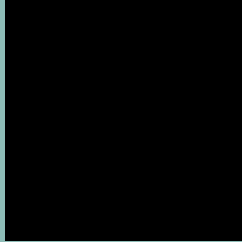
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

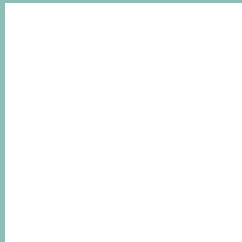
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1361, 0.2805, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 45.1361, 0.2805, 0.3360.



This preview shows how white text looks on a background with the Yxy color 45.1361, 0.2805, 0.3360.

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

45.1361, 0.2805, 0.3360

Protanopia

44.9602, 0.3170, 0.3303

Deuteranopia

44.6388, 0.3188, 0.3125



Tritanopia

44.9790, 0.2717, 0.3084

Trichromacy



Original Color

45.1361, 0.2805, 0.3360

Protanomaly

44.9261, 0.3025, 0.3330

Deuteranomaly

44.3422, 0.3037, 0.3197

Tritanomaly

45.0326, 0.2751, 0.3178

Monochromacy



Original Color

45.1361, 0.2805, 0.3360

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0959, 0.2999, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1361, 0.2805, 0.3360 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(142, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(142, 188, 183)  
}
```

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(142, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 188, 183) }
```

Border

The CSS property to change the border of an element to Yxy 45.1361, 0.2805, 0.3360 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(142, 188, 183) }
```

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

```
.border{ border-color:rgb(142, 188, 183) }
```

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

Here you see how a box with a 4 pixel rgb(142, 188, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(142, 188,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1361, 0.2805, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 188, 183) }
```

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

```
.background{ background-color: rgb(142,  
188, 183) }
```

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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