

Converting Colors

$Yxy(46.3457, 0.2610, 0.3288)$

Have a look what the booklet for
Yxy(46.3457, 0.2610, 0.3288)
contains.

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Color

Yxy(46.5436, 0.2608, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	79C2C2
RGB	121, 194, 194
RGB Percent	47%, 76%, 76%
CMY	0.5255, 0.2392, 0.2391
CMYK	0.38, 0.00, 0.00, 0.24
HSL	180°, 37%, 62%
HSV	180°, 38%, 76%
XYZ	36.9178, 46.5436, 58.0946
YIQ	172.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

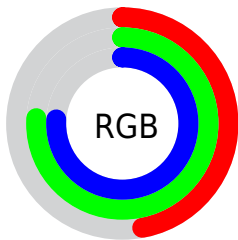
Format	Color
RYB	121, 158, 194
Decimal	7979714
CIELab	73.90, -22.67, -7.22
CIELCh	74, 23.796, 197.661
Yxy	46.5436, 0.2608, 0.3288
Android (android.graphics.Color)	4286169794 (0xFF79C2C2)
YUV	172.1730, 10.7607, -44.8787
Hunter-Lab	68.2229, -22.7974, -2.7319

Details

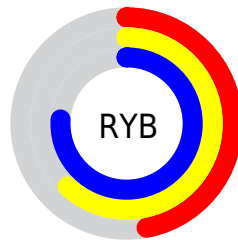
The Yxy color **46.5436, 0.2608, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.5386, 0.4039, 0.3293**, and the grayscale version is **41.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2436, 0.2705, 0.3300**, and **21.8079, 0.2466, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **45.2779, 0.2503, 0.3288**, and if you desaturate by 10%, it is **48.0949, 0.2730, 0.3289**.

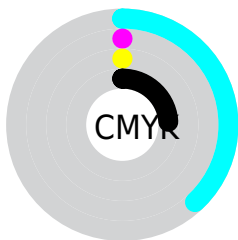
Distribution



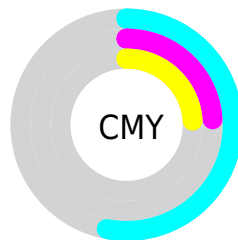
- Red (47%)
- Green (76%)
- Blue (76%)



- Red (47%)
- Yellow (62%)
- Blue (76%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (53%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5436, 0.2608, 0.3288 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 46.5436, 0.2608, 0.3288 by changing the saturation by 10% instead.


 46.5436, 0.2608,
0.3288


 46.5436, 0.2608,
0.3288


372.9898, 0.2864,
0.3294


 32.6750, 0.2545,
0.3285


 85.0320, 0.2700,
0.3291

 21.8776, 0.2466,
0.3281


 110.4205, 0.2735,
0.3292

 13.7670, 0.2361,
0.3273


 140.4178, 0.2764,
0.3293

 7.9588, 0.2219,
0.3260


175.4083, 0.2790,
0.3293

 4.0686, 0.2012,
0.3235

215.7764, 0.2812,
0.3293

 1.7120, 0.1691,
0.3179

261.9064, 0.2831,

 0.4314, 0.0000,

0.3293

0.3069

314.1827, 0.2849,
0.3294

0.0000, 0.0000,
0.0000

46.5436, 0.2608,
0.3288

46.5436, 0.2608,
0.3288

45.2779, 0.2503,
0.3288

48.0949, 0.2730,
0.3289

44.2753, 0.2415,
0.3287

49.9418, 0.2865,
0.3289

43.5189, 0.2346,
0.3287

52.1007, 0.3010,
0.3290

42.9872, 0.2297,
0.3287

54.5851, 0.3164,
0.3290

42.6553, 0.2265,
0.3286

57.4077, 0.3323,
0.3291

■ 42.4871, 0.2249,
0.3286

■ 60.5804, 0.3483,
0.3291

■ 42.4566, 0.2246,
0.3286

■ 63.7660, 0.3628,
0.3292

■ 63.7697, 0.3628,
0.3292

■ 63.7735, 0.3628,
0.3292

Harmonies

Analogous

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



46.5436, 0.2845, 0.3604



46.5436, 0.2608, 0.3288



46.5436, 0.2507, 0.2994

Triad

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



46.5436, 0.2608, 0.3288



46.5436, 0.3060, 0.2818



46.5436, 0.3720, 0.3763

Complementary

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



46.5436, 0.2608, 0.3288



26.5386, 0.4039, 0.3293

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.



46.5436, 0.3790, 0.3531



46.5436, 0.2608, 0.3288



46.5436, 0.3398, 0.3002

Square

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



46.5436, 0.2608, 0.3288



46.5436, 0.2756, 0.2744



46.5436, 0.3671, 0.3256



46.5436, 0.3488, 0.3882

Rectangle

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



46.5436, 0.2608, 0.3288



46.5436, 0.2525, 0.2851



46.5436, 0.3671, 0.3256



46.5436, 0.3764, 0.3695

Sweetspot

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



46.5454, 0.2608, 0.3288



92.9093, 0.2958, 0.3289



44.0437, 0.3074, 0.4419



20.2264, 0.2937, 0.3289



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.



46.5454, 0.2608, 0.3288



82.4056, 0.2521, 0.3288



32.2522, 0.2529, 0.2739



11.4277, 0.2985, 0.3289



27.9043, 0.2246, 0.3286



1.2059, 0.2246, 0.3286

Inverse Universe

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



29.0453, 0.3171, 0.2372



46.2544, 0.3179, 0.2190



37.1444, 0.3852, 0.3780



10.2475, 0.3138, 0.3063



10.0992, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 46.5436, 0.2608, 0.3288 looks on a white background.

Color Contrast Check

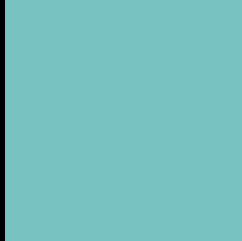
Large Text (above 18pt) WCAG AA × Fail

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 46.5436, 0.2608, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

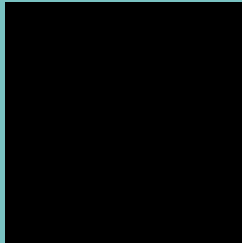
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

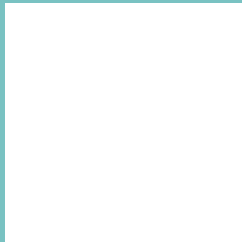
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.5436, 0.2608, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 46.5436, 0.2608, 0.3288.



This preview shows how white text looks on a background with the Yxy color 46.5436, 0.2608, 0.3288.

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

46.5436, 0.2608, 0.3288

Protanopia

46.2550, 0.3105, 0.3212

Deuteranopia

46.0750, 0.3071, 0.3014



Tritanopia

46.5642, 0.2552, 0.3081

Trichromacy



Original Color

46.5436, 0.2608, 0.3288

Protanomaly

45.8456, 0.2896, 0.3235

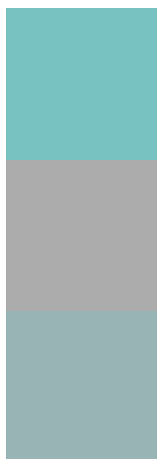
Deuteranomaly

45.8975, 0.2876, 0.3104

Tritanomaly

46.6893, 0.2577, 0.3163

Monochromacy



Original Color

46.5436, 0.2608, 0.3288

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.7101, 0.2903, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5436, 0.2608, 0.3288 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(121, 194, 194)` looks like.

```
.text, #text, p{  
    color:rgb(121, 194, 194)  
}
```

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(121, 194, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 194, 194) }
```

Border

The CSS property to change the border of an element to Yxy 46.5436, 0.2608, 0.3288 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(121, 194, 194) }
```

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

```
.border{ border-color:rgb(121, 194, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 194, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 194, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 194, 194);  
box-shadow:4px 4px 4px 4px rgb(121, 194,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5436, 0.2608, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 194, 194) }
```

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

```
.background{ background-color: rgb(121,  
194, 194) }
```

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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