

Converting Colors

$Yxy(45.1716, 0.2576, 0.3176)$

Have a look what the booklet for
Yxy(45.1716, 0.2576, 0.3176)
contains.

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Color

Yxy(44.9691, 0.2576, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	79BEC6
RGB	121, 190, 198
RGB Percent	47%, 75%, 78%
CMY	0.5257, 0.2548, 0.2235
CMYK	0.39, 0.04, 0.00, 0.22
HSL	186°, 40%, 63%
HSV	186°, 39%, 78%
XYZ	36.4852, 44.9691, 60.1807
YIQ	170.2810, -43.6920, -12.1400

Conversions

Conversions Part 2

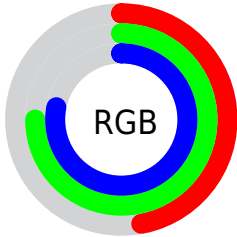
Format	Color
R _Y B	121, 157, 198
Decimal	7978694
CIE Lab	72.87, -19.69, -10.91
CIE LCh	73, 22.505, 208.987
Yxy	44.9691, 0.2576, 0.3175
Android (android.graphics.Color)	4286168774 (0xFF79BEC6)
YUV	170.2810, 13.6655, -43.2194
Hunter-Lab	67.0590, -20.2358, -6.2673

Details

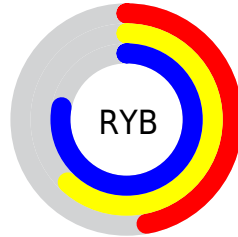
The Yxy color **44.9691, 0.2576, 0.3175** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.0661, 0.4044, 0.3399**, and the grayscale version is **40.2875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4786, 0.2675, 0.3191**, and **20.7802, 0.2422, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **42.8024, 0.2462, 0.3141**, and if you desaturate by 10%, it is **47.4453, 0.2704, 0.3208**.

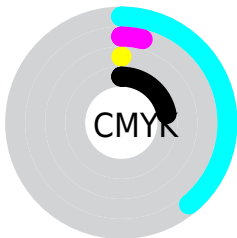
Distribution



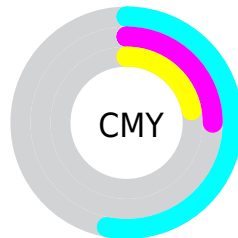
- Red (47%)
- Green (75%)
- Blue (78%)



- Red (47%)
- Yellow (62%)
- Blue (78%)



- Cyan (39%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (53%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9691, 0.2576, 0.3175 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 44.9691, 0.2576, 0.3175 by changing the saturation by 10% instead.


 44.9691, 0.2576,
0.3175


 44.9691, 0.2576,
0.3175


366.6484, 0.2848,
0.3238


 31.4331, 0.2509,
0.3157


 82.6740, 0.2674,
0.3199

 20.9289, 0.2425,
0.3134


 107.6118, 0.2711,
0.3208

 13.0720, 0.2313,
0.3101

 137.1188, 0.2743,
0.3215

 7.4782, 0.2161,
0.3052

171.5797, 0.2770,
0.3221

 3.7629, 0.1941,
0.2972

211.3786, 0.2793,
0.3227

 1.5418, 0.1602,
0.2825

256.9002, 0.2814,

 0.3179, 0.0000,

0.3231

0.2217

308.5286, 0.2832,
0.3235

0.0000, 0.0000,
0.0000

44.9691, 0.2576,
0.3175

44.9691, 0.2576,
0.3175

42.8024, 0.2462,
0.3141

47.4453, 0.2704,
0.3208

40.9219, 0.2365,
0.3106

50.2424, 0.2843,
0.3238

39.3091, 0.2285,
0.3070

53.3775, 0.2991,
0.3267

37.9411, 0.2225,
0.3034

56.8649, 0.3144,
0.3293

36.7912, 0.2184,
0.2998

60.7182, 0.3299,
0.3316

■ 35.8143, 0.2158,
0.2963

■ 64.9501, 0.3455,
0.3338

■ 35.7122, 0.2156,
0.2960

■ 68.7010, 0.3573,
0.3357

■ 69.6851, 0.3568,
0.3378

■ 70.6820, 0.3564,
0.3399

Harmonies

Analogous

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



44.9691, 0.2759, 0.3481



44.9691, 0.2576, 0.3175



44.9691, 0.2534, 0.2923

Triad

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



44.9691, 0.2576, 0.3175



44.9691, 0.3186, 0.2893



44.9691, 0.3626, 0.3803

Complementary

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



44.9691, 0.2576, 0.3175



29.0661, 0.4044, 0.3399

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.



44.9691, 0.3757, 0.3614



44.9691, 0.2576, 0.3175



44.9691, 0.3497, 0.3100

Square

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



44.9691, 0.2576, 0.3175



44.9691, 0.2873, 0.2779



44.9691, 0.3710, 0.3359



44.9691, 0.3362, 0.3857

Rectangle

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



44.9691, 0.2576, 0.3175



44.9691, 0.2588, 0.2817



44.9691, 0.3710, 0.3359



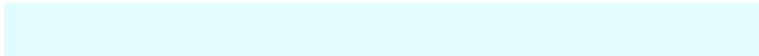
44.9691, 0.3687, 0.3752

Sweetspot

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



44.9709, 0.2576, 0.3175



92.6450, 0.2942, 0.3258



46.0236, 0.3023, 0.4347



19.6704, 0.2922, 0.3254



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.



44.9709, 0.2576, 0.3175



76.2346, 0.2475, 0.3145



30.5185, 0.2489, 0.2596



11.8725, 0.2984, 0.3265



23.2989, 0.2157, 0.2964



1.1586, 0.2177, 0.3038

Inverse Universe

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



29.3849, 0.3254, 0.2426



45.0757, 0.3289, 0.2245



41.0866, 0.3846, 0.3893



10.7970, 0.3153, 0.3085



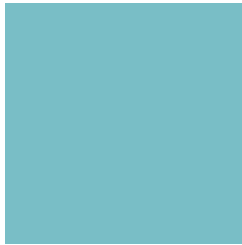
9.8920, 0.3486, 0.1694



0.4740, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 44.9691, 0.2576, 0.3175 looks on a white background.

Color Contrast Check

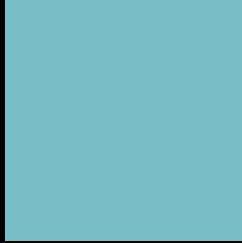
Large Text (above 18pt) WCAG AA × Fail

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 44.9691, 0.2576, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

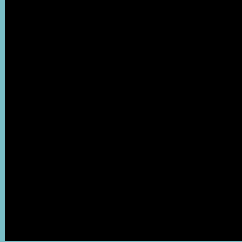
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

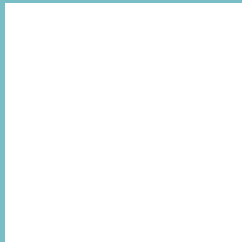
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9691, 0.2576, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 44.9691, 0.2576, 0.3175.

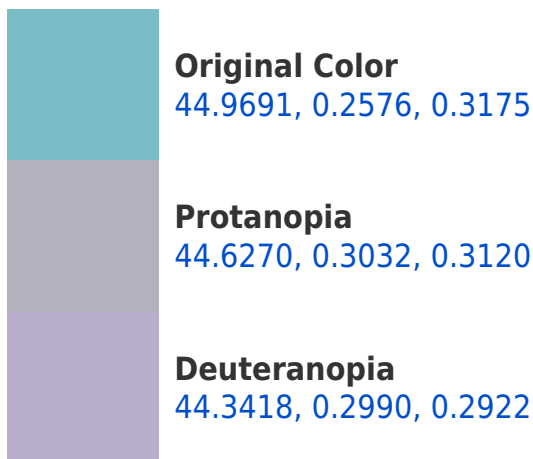


This preview shows how white text looks on a background with the Yxy color 44.9691, 0.2576, 0.3175.

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





Tritanopia

44.9658, 0.2551, 0.3078

Trichromacy



Original Color

44.9691, 0.2576, 0.3175

Protanomaly

44.4743, 0.2842, 0.3140

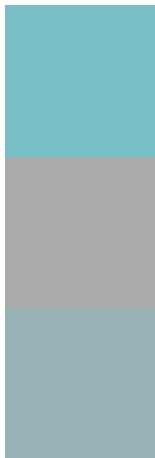
Deuteranomaly

44.0343, 0.2814, 0.2996

Tritanomaly

44.7970, 0.2557, 0.3105

Monochromacy



Original Color

44.9691, 0.2576, 0.3175

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.4150, 0.2894, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9691, 0.2576, 0.3175 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, 190, 198)` looks like.

```
.text, #text, p{  
    color:rgb(121, 190, 198)  
}
```

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, 190, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 190, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.9691, 0.2576, 0.3175 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, 190, 198) }
```

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

```
.border{ border-color:rgb(121, 190, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 190, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 190, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 190, 198); box-shadow:4px 4px 4px 4px rgb(121, 190, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9691, 0.2576, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 190, 198) }
```

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

```
.background{ background-color: rgb(121,  
190, 198) }
```

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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