

Converting Colors

$Yxy(50.6945, 0.2571, 0.3286)$

Have a look what the booklet for
Yxy(50.6945, 0.2571, 0.3286)
contains.

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Color

Yxy(50.5459, 0.2568, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	78CACB
RGB	120, 202, 203
RGB Percent	47%, 79%, 80%
CMY	0.5298, 0.2078, 0.2040
CMYK	0.41, 0.00, 0.00, 0.20
HSL	181°, 44%, 63%
HSV	181°, 41%, 80%
XYZ	39.6342, 50.5459, 64.1586
YIQ	177.5960, -49.1930, -17.0730

Conversions

Conversions Part 2

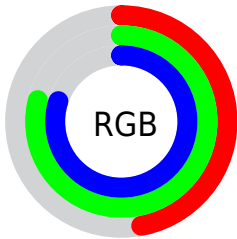
Format	Color
R _{YB}	120, 161, 203
Decimal	7916235
CIE Lab	76.40, -24.74, -8.36
CIE LCh	76, 26.114, 198.663
Yxy	50.5459, 0.2568, 0.3275
Android (android.graphics.Color)	4286106315 (0xFF78CACB)
YUV	177.5960, 12.5242, -50.5117
Hunter-Lab	71.0956, -24.9078, -3.7379

Details

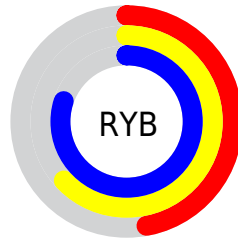
The Yxy color **50.5459, 0.2568, 0.3275** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.6920, 0.4158, 0.3306**, and the grayscale version is **44.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9701, 0.2681, 0.3289**, and **24.4397, 0.2425, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **49.1377, 0.2467, 0.3271**, and if you desaturate by 10%, it is **52.2658, 0.2686, 0.3279**.

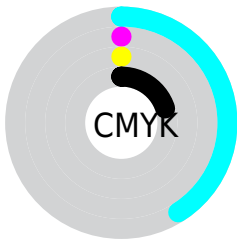
Distribution



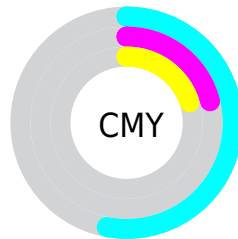
- Red (47%)
- Green (79%)
- Blue (80%)



- Red (47%)
- Yellow (63%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)




- Cyan (53%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5459, 0.2568, 0.3275 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 50.5459, 0.2568, 0.3275 by changing the saturation by 10% instead.


 50.5459, 0.2568,
0.3275

 50.5459, 0.2568,
0.3275


388.7969, 0.2839,
0.3288

 35.8473, 0.2503,
0.3270


 90.9832, 0.2665,
0.3281

 24.3163, 0.2421,
0.3263


 117.4907, 0.2701,
0.3283

 15.5684, 0.2315,
0.3253


 148.7033, 0.2733,
0.3284

 9.2193, 0.2171,
0.3235

185.0055, 0.2760,
0.3285

 4.8845, 0.1969,
0.3204

226.7815, 0.2784,
0.3286

 2.1796, 0.1663,
0.3141

274.4158, 0.2804,

 0.7089, 0.0319,

0.3287

328.2928, 0.2823,
0.3287

0.3237

0.0000, 0.0000,
0.0000

50.5459, 0.2568,
0.3275

50.5459, 0.2568,
0.3275

49.1377, 0.2467,
0.3271

52.2658, 0.2686,
0.3279

48.0156, 0.2384,
0.3267

54.3092, 0.2817,
0.3283

47.1597, 0.2321,
0.3263


56.6948, 0.2961,
0.3286

46.5450, 0.2276,
0.3259

59.4380, 0.3113,
0.3290


46.1417, 0.2249,
0.3255


62.5531, 0.3270,
0.3293

 45.9094, 0.2237,
0.3252

 66.0539, 0.3430,
0.3296

 68.6023, 0.3535,
0.3298

 68.7145, 0.3535,
0.3301

 68.8269, 0.3534,
0.3303

Harmonies

Analogous

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



50.5459, 0.2816, 0.3616



50.5459, 0.2568, 0.3275



50.5459, 0.2466, 0.2963

Triad

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



50.5459, 0.2568, 0.3275



50.5459, 0.3067, 0.2793



50.5459, 0.3753, 0.3800

Complementary

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



50.5459, 0.2568, 0.3275



27.6920, 0.4158, 0.3306

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.



50.5459, 0.3836, 0.3554



50.5459, 0.2568, 0.3275



50.5459, 0.3427, 0.2991

Square

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



50.5459, 0.2568, 0.3275



50.5459, 0.2741, 0.2710



50.5459, 0.3715, 0.3262



50.5459, 0.3500, 0.3924

Rectangle

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



50.5459, 0.2568, 0.3275



50.5459, 0.2489, 0.2816



50.5459, 0.3715, 0.3262



50.5459, 0.3803, 0.3728

Sweetspot

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



50.5479, 0.2568, 0.3275



94.4242, 0.2943, 0.3286



48.0459, 0.3068, 0.4540



20.0923, 0.2923, 0.3285



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.



50.5479, 0.2568, 0.3275



82.5651, 0.2479, 0.3272



33.9432, 0.2474, 0.2680



12.7037, 0.2984, 0.3287



29.2306, 0.2237, 0.3252



1.5153, 0.2239, 0.3260

Inverse Universe

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



30.3698, 0.3184, 0.2302



44.3652, 0.3195, 0.2114



39.6943, 0.3935, 0.3825



11.4014, 0.3140, 0.3064



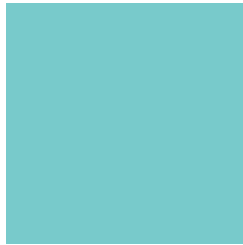
10.7538, 0.3238, 0.1557



0.5555, 0.3232, 0.1554

Previews

White Background



This preview shows how the Yxy color 50.5459, 0.2568, 0.3275 looks on a white background.

Color Contrast Check

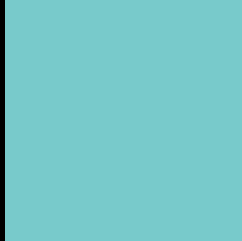
Large Text (above 18pt) WCAG AA × Fail

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 50.5459, 0.2568, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

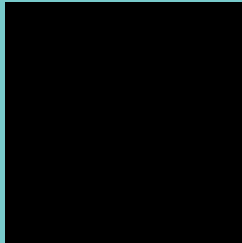
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

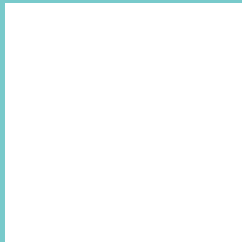
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5459, 0.2568, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 50.5459, 0.2568, 0.3275.

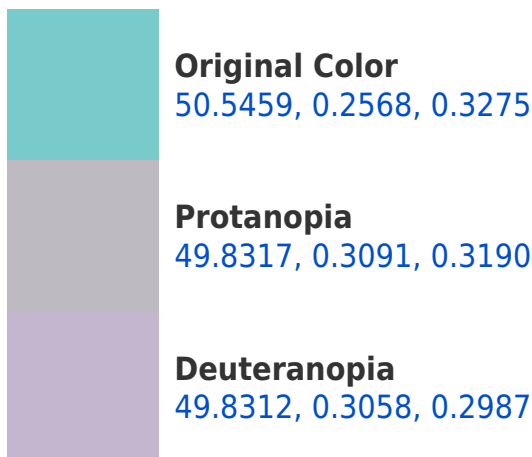


This preview shows how white text looks on a background with the Yxy color 50.5459, 0.2568, 0.3275.

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

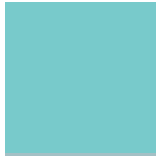




Tritanopia

50.5515, 0.2515, 0.3074

Trichromacy



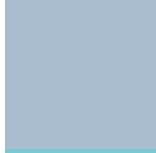
Original Color

50.5459, 0.2568, 0.3275



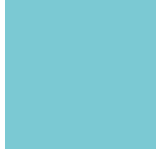
Protanomaly

49.6230, 0.2874, 0.3224



Deuteranomaly

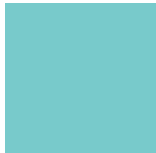
49.2864, 0.2848, 0.3071



Tritanomaly

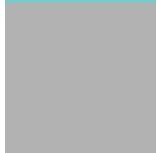
50.6874, 0.2539, 0.3153

Monochromacy



Original Color

50.5459, 0.2568, 0.3275



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

46.2966, 0.2888, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5459, 0.2568, 0.3275 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(120, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(120, 202, 203)  
}
```

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(120, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 202, 203) }
```

Border

The CSS property to change the border of an element to Yxy 50.5459, 0.2568, 0.3275 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(120, 202, 203) }
```

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

```
.border{ border-color:rgb(120, 202, 203) }
```

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

Here you see how a box with a 4 pixel rgb(120, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(120, 202,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5459, 0.2568, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 202, 203) }
```

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

```
.background{ background-color: rgb(120,  
202, 203) }
```

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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