

Converting Colors

$Yxy(52.1576, 0.2920, 0.4153)$

Have a look what the booklet for
Yxy(52.1576, 0.2920, 0.4153)
contains.

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Color

Yxy(52.1308, 0.2926, 0.4158)

Conversions

Conversions Part 1

Format	Color
Hex	7DD195
RGB	125, 209, 149
RGB Percent	49%, 82%, 58%
CMY	0.5097, 0.1804, 0.4157
CMYK	0.40, 0.00, 0.29, 0.18
HSL	137°, 48%, 65%
HSV	137°, 40%, 82%
XYZ	36.6846, 52.1308, 36.5593
YIQ	177.0440, -30.8040, -36.4680

Conversions

Conversions Part 2

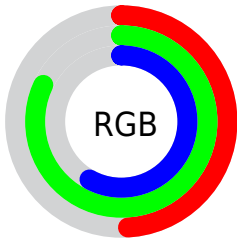
Format	Color
RYB	125, 190, 209
Decimal	8245653
CIELab	77.36, -38.37, 21.95
CIELCh	77, 44.205, 150.220
Yxy	52.1308, 0.2926, 0.4158
Android (android.graphics.Color)	4286435733 (0xFF7DD195)
YUV	177.0440, -13.8257, -45.6426
Hunter-Lab	72.2017, -35.6596, 20.5197

Details

The Yxy color **52.1308, 0.2926, 0.4158** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **31.7328, 0.3421, 0.2561**, and the grayscale version is **44.0802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6556, 0.2970, 0.3879**, and **25.3326, 0.2856, 0.4423** is the 20% darker color. If you saturate the color by 10%, you get **50.2748, 0.2889, 0.4423**, and if you desaturate by 10%, it is **54.3832, 0.2971, 0.3909**.

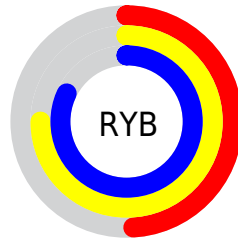
Distribution



Red (49%)

Green (82%)

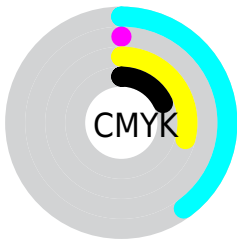
Blue (58%)



Red (49%)

Yellow (75%)

Blue (82%)

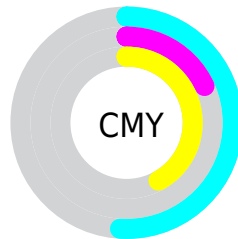


Cyan (40%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (51%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1308, 0.2926, 0.4158 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 52.1308, 0.2926, 0.4158 by changing the saturation by 10% instead.


 52.1308, 0.2926,
0.4158


 52.1308, 0.2926,
0.4158


394.9414, 0.3037,
0.3709

 37.1093, 0.2895,
0.4274


 93.3241, 0.2969,
0.3992

 25.2922, 0.2854,
0.4426


 120.2648, 0.2984,
0.3930

 16.2949, 0.2795,
0.4632


 151.9473, 0.2996,
0.3878

 9.7330, 0.2708,
0.4925

188.7560, 0.3007,
0.3835

 5.2223, 0.2564,
0.5374

231.0754, 0.3016,
0.3797

 2.3783, 0.2328,
0.6215

279.2898, 0.3024,

 0.8147, 0.0000,

0.3764

1.0000

333.7837, 0.3031,
0.3735

0.0000, 0.0000,
0.0000

52.1308, 0.2926,
0.4158

52.1308, 0.2926,
0.4158

50.2748, 0.2889,
0.4423

54.3832, 0.2971,
0.3909

48.7856, 0.2862,
0.4698

57.0469, 0.3021,
0.3681

47.6394, 0.2850,
0.4970


60.1438, 0.3073,
0.3475


46.8072, 0.2853,
0.5227

63.6922, 0.3126,
0.3293


46.2545, 0.2872,
0.5456

67.7096, 0.3178,
0.3133

 45.9241, 0.2901,
0.5643

 72.2124, 0.3228,
0.2993

 73.9875, 0.3158,
0.2855

 74.0815, 0.3148,
0.2841

Harmonies

Analogous

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



52.1308, 0.3508, 0.4377



52.1308, 0.2926, 0.4158



52.1308, 0.2427, 0.3620

Triad

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



52.1308, 0.2926, 0.4158



52.1308, 0.2262, 0.2377



52.1308, 0.4237, 0.3396

Complementary

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



52.1308, 0.2926, 0.4158



31.7328, 0.3421, 0.2561

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.



52.1308, 0.3839, 0.2954



52.1308, 0.2926, 0.4158



52.1308, 0.2673, 0.2393

Square

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



52.1308, 0.2926, 0.4158



52.1308, 0.2075, 0.2583



52.1308, 0.3247, 0.2599



52.1308, 0.4294, 0.3852

Rectangle

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



52.1308, 0.2926, 0.4158



52.1308, 0.2202, 0.3210



52.1308, 0.3247, 0.2599



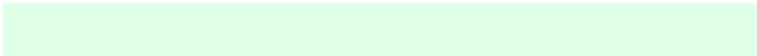
52.1308, 0.4138, 0.3244

Sweetspot

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



52.1330, 0.2926, 0.4158



93.3222, 0.3063, 0.3514



57.4228, 0.3527, 0.4349



19.8328, 0.3056, 0.3540



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.



52.1330, 0.2926, 0.4158



79.2840, 0.2894, 0.4379



53.7163, 0.2678, 0.3539



13.2610, 0.3077, 0.3461



28.3299, 0.2894, 0.5619



1.5978, 0.2789, 0.5242

Inverse Universe

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



31.7328, 0.3421, 0.2561



43.0963, 0.3504, 0.2416



30.2186, 0.3912, 0.3062



11.9491, 0.3181, 0.3125



9.7202, 0.4084, 0.2024



0.5568, 0.3887, 0.1915

Previews

White Background



This preview shows how the Yxy color 52.1308, 0.2926, 0.4158 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 52.1308, 0.2926, 0.4158 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 52.1308, 0.2926, 0.4158

Background



This preview shows how black text looks on a background with the Yxy color 52.1308, 0.2926, 0.4158.



This preview shows how white text looks on a background with the Yxy color 52.1308, 0.2926, 0.4158.

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

52.1308, 0.2926, 0.4158

Protanopia

51.5577, 0.3645, 0.3911

Deuteranopia

51.6057, 0.3697, 0.3622



Tritanopia

51.8419, 0.2605, 0.3079

Trichromacy



Original Color

52.1308, 0.2926, 0.4158



Protanomaly

51.0296, 0.3349, 0.4011



Deuteranomaly

50.4383, 0.3377, 0.3798



Tritanomaly

51.6685, 0.2720, 0.3440

Monochromacy



Original Color

52.1308, 0.2926, 0.4158



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

46.4543, 0.3040, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1308, 0.2926, 0.4158 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(125, 209, 149)` looks like.

```
.text, #text, p{  
    color:rgb(125, 209, 149)  
}
```

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(125, 209, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 209, 149) }
```

Border

The CSS property to change the border of an element to Yxy 52.1308, 0.2926, 0.4158 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(125, 209, 149) }
```

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

```
.border{ border-color:rgb(125, 209, 149) }
```

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

Here you see how a box with a 4 pixel rgb(125, 209, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 209, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 209, 149);  
box-shadow:4px 4px 4px 4px rgb(125, 209,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1308, 0.2926, 0.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 209, 149) }
```

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

```
.background{ background-color: rgb(125,  
209, 149) }
```

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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