

Converting Colors

Yxy(56.0196, 0.2957, 0.4313)

Have a look what the booklet for
Yxy(56.0196, 0.2957, 0.4313)
contains.

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Color

Yxy(56.0300, 0.2953, 0.4310)

Conversions

Conversions Part 1

Format	Color
Hex	7DD991
RGB	125, 217, 145
RGB Percent	49%, 85%, 57%
CMY	0.5095, 0.1490, 0.4314
CMYK	0.42, 0.00, 0.33, 0.15
HSL	133°, 55%, 67%
HSV	133°, 42%, 85%
XYZ	38.3890, 56.0300, 35.5810
YIQ	181.2840, -31.7200, -41.8960

Conversions

Conversions Part 2

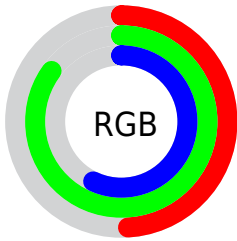
Format	Color
RYB	125, 201, 217
Decimal	8247697
CIELab	79.63, -42.61, 27.12
CIELCh	80, 50.508, 147.520
Yxy	56.0300, 0.2953, 0.4310
Android (android.graphics.Color)	4286437777 (0xFF7DD991)
YUV	181.2840, -17.8880, -49.3611
Hunter-Lab	74.8532, -39.4481, 24.2141

Details

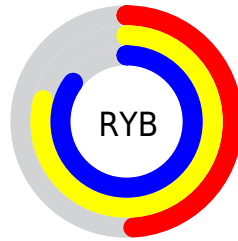
The Yxy color **56.0300, 0.2953, 0.4310** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **33.4702, 0.3375, 0.2454**, and the grayscale version is **46.4917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4673, 0.2992, 0.3926**, and **27.5631, 0.2880, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **54.0869, 0.2923, 0.4604**, and if you desaturate by 10%, it is **58.4130, 0.2990, 0.4031**.

Distribution



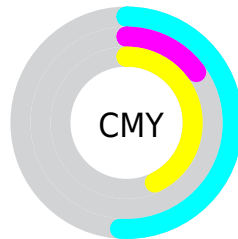
- Red (49%)
- Green (85%)
- Blue (57%)



- Red (49%)
- Yellow (79%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)





- Cyan (51%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0300, 0.2953, 0.4310 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 56.0300, 0.2953, 0.4310 by changing the saturation by 10% instead.


 56.0300, 0.2953,
0.4310

 56.0300, 0.2953,
0.4310


409.8045, 0.3054,
0.3786


 40.2270, 0.2924,
0.4444


 99.0484, 0.2993,
0.4117

 27.7156, 0.2884,
0.4618


 127.0326, 0.3007,
0.4045

 18.1114, 0.2826,
0.4852


 159.8460, 0.3018,
0.3985

 11.0300, 0.2738,
0.5181

197.8730, 0.3028,
0.3933

 6.0870, 0.2591,
0.5671

241.4979, 0.3036,
0.3889

 2.8981, 0.2358,
0.6576

291.1052, 0.3043,

 1.0787, 0.0000,

0.3850

1.0000

347.0793, 0.3048,
0.3816

■ 0.0000, 0.0000,
0.0000

■ 56.0300, 0.2953,
0.4310

■ 56.0300, 0.2953,
0.4310

■ 54.0869, 0.2923,
0.4604

■ 58.4130, 0.2990,
0.4031

■ 52.5497, 0.2903,
0.4901

■ 61.2534, 0.3031,
0.3774

■ 51.3909, 0.2896,
0.5186


■ 64.5764, 0.3074,
0.3541


■ 50.5760, 0.2902,
0.5444


■ 68.4032, 0.3117,
0.3335

■ 50.0643, 0.2921,
0.5657

■ 72.7537, 0.3159,
0.3154

 49.8281, 0.2940,
0.5785

 77.5959, 0.3198,
0.2996

 78.1024, 0.3145,
0.2920

Harmonies

Analogous

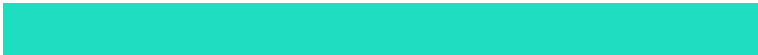
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.0300, 0.3597, 0.4507



56.0300, 0.2953, 0.4310



56.0300, 0.2389, 0.3720

Triad

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



56.0300, 0.2953, 0.4310



56.0300, 0.2145, 0.2293



56.0300, 0.4340, 0.3351

Complementary

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



56.0300, 0.2953, 0.4310



33.4702, 0.3375, 0.2454

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.



56.0300, 0.3866, 0.2876



56.0300, 0.2953, 0.4310



56.0300, 0.2571, 0.2293

Square

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



56.0300, 0.2953, 0.4310



56.0300, 0.1964, 0.2535



56.0300, 0.3195, 0.2502



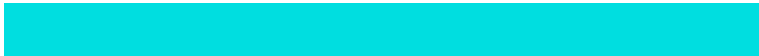
56.0300, 0.4435, 0.3854

Rectangle

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



56.0300, 0.2953, 0.4310



56.0300, 0.2130, 0.3254



56.0300, 0.3195, 0.2502



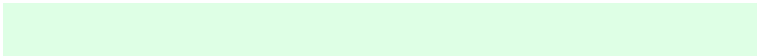
56.0300, 0.4219, 0.3186

Sweetspot

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



56.0323, 0.2953, 0.4310



92.6852, 0.3070, 0.3558



62.9857, 0.3595, 0.4392



19.5995, 0.3061, 0.3608



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.



56.0323, 0.2953, 0.4310



78.1811, 0.2926, 0.4577



57.7472, 0.2691, 0.3641



14.6522, 0.3086, 0.3478



30.1782, 0.2934, 0.5764



1.9680, 0.2849, 0.5456

Inverse Universe

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



33.4702, 0.3375, 0.2454



41.4495, 0.3446, 0.2289



31.6744, 0.3902, 0.2975



13.2240, 0.3171, 0.3109



10.7017, 0.3844, 0.1891



0.7056, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 56.0300, 0.2953, 0.4310 looks on a white background.

Color Contrast Check

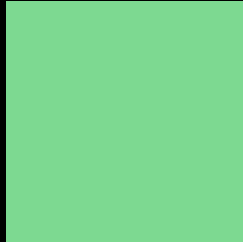
Large Text (above 18pt) WCAG AA × Fail

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 56.0300, 0.2953, 0.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

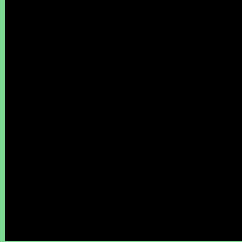
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0300, 0.2953, 0.4310

Background



This preview shows how black text looks on a background with the Yxy color 56.0300, 0.2953, 0.4310.



This preview shows how white text looks on a background with the Yxy color 56.0300, 0.2953, 0.4310.

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

56.0300, 0.2953, 0.4310

Protanopia

55.2545, 0.3724, 0.4009

Deuteranopia

55.0238, 0.3793, 0.3714



Tritanopia

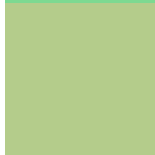
55.7582, 0.2585, 0.3072

Trichromacy



Original Color

56.0300, 0.2953, 0.4310



Protanomaly

54.7531, 0.3403, 0.4134



Deuteranomaly

54.2232, 0.3443, 0.3923



Tritanomaly

55.7629, 0.2720, 0.3503

Monochromacy



Original Color

56.0300, 0.2953, 0.4310



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.9878, 0.3055, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0300, 0.2953, 0.4310 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, 217, 145)` looks like.

```
.text, #text, p{  
  color:rgb(125, 217, 145)  
}
```

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, 217, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 217, 145) }
```

Border

The CSS property to change the border of an element to Yxy 56.0300, 0.2953, 0.4310 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, 217, 145) }
```

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

```
.border{ border-color:rgb(125, 217, 145) }
```

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

Here you see how a box with a 4 pixel rgb(125, 217, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 217, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 217, 145);  
box-shadow:4px 4px 4px 4px rgb(125, 217,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0300, 0.2953, 0.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 217, 145) }
```

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

```
.background{ background-color: rgb(125,  
217, 145) }
```

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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