

Converting Colors

Yxy(56.6029, 0.3349, 0.3428)

Have a look what the booklet for
Yxy(56.6029, 0.3349, 0.3428)
contains.

Yxy(56.4880, 0.3350, 0.3421)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.4880, 0.3350, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	D4C3B8
RGB	212, 195, 184
RGB Percent	83%, 76%, 72%
CMY	0.1686, 0.2353, 0.2786
CMYK	0.00, 0.08, 0.13, 0.17
HSL	24°, 25%, 78%
HSV	24°, 13%, 83%
XYZ	55.3156, 56.4880, 53.3177
YIQ	198.8290, 13.6630, 0.1830

Conversions

Conversions Part 2

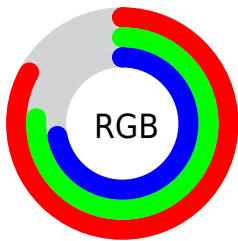
Format	Color
R _Y B	212, 202, 184
Decimal	13943736
CIE Lab	79.89, 4.13, 7.69
CIE LCh	80, 8.728, 61.759
Yxy	56.4880, 0.3350, 0.3421
Android (android.graphics.Color)	4292133816 (0xFFD4C3B8)
YUV	198.8290, -7.3107, 11.5510
Hunter-Lab	75.1585, -0.1538, 10.5504

Details

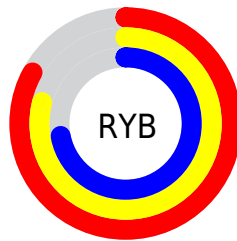
The Yxy color **56.4880, 0.3350, 0.3421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6959, 0.2923, 0.3155**, and the grayscale version is **57.0429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1721, 0.3217, 0.3406**, and **27.8565, 0.3407, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **50.1533, 0.3551, 0.3527**, and if you desaturate by 10%, it is **63.4566, 0.3177, 0.3321**.

Distribution



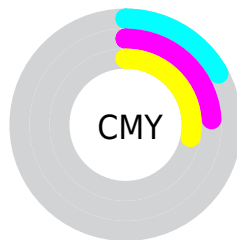
- Red (83%)
- Green (76%)
- Blue (72%)



- Red (83%)
- Yellow (79%)
- Blue (72%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.4880, 0.3350, 0.3421 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 56.4880, 0.3350, 0.3421 by changing the saturation by 10% instead.

 56.4880, 0.3350,
0.3421

 56.4880, 0.3350,
0.3421


411.5280, 0.3242,
0.3358

 40.5943, 0.3376,
0.3436


 99.7177, 0.3311,
0.3399

 28.0022, 0.3409,
0.3454


127.8226, 0.3297,
0.3390

 18.3273, 0.3452,
0.3478


160.7666, 0.3284,
0.3383

 11.1853, 0.3511,
0.3510

198.9341, 0.3273,
0.3377

 6.1916, 0.3596,
0.3556

242.7097, 0.3264,
0.3371

 2.9619, 0.3727,
0.3623

292.4776, 0.3256,

 1.1119, 0.4002,

0.3367

348.6222, 0.3248,
0.3362

0.3775

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4880, 0.3350,
0.3421

56.4880, 0.3350,
0.3421

50.1533, 0.3551,
0.3527

63.4566, 0.3177,
0.3321

44.4268, 0.3783,
0.3635

71.0692, 0.3030,
0.3227

39.2916, 0.4048,
0.3740

79.3451, 0.2903,
0.3141

34.7273, 0.4344,
0.3836

87.3815, 0.2867,
0.3201

■ 30.7123, 0.4662,
0.3911

■ 92.7372, 0.2872,
0.3289

■ 27.2232, 0.4989,
0.3953

■ 24.2346, 0.5300,
0.3950

■ 21.7180, 0.5572,
0.3894

■ 20.2581, 0.5729,
0.3833

Harmonies

Analogous

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



56.4880, 0.3338, 0.3330



56.4880, 0.3350, 0.3421



56.4880, 0.3301, 0.3479

Triad

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



56.4880, 0.3350, 0.3421



56.4880, 0.2986, 0.3349



56.4880, 0.3047, 0.3101

Complementary

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



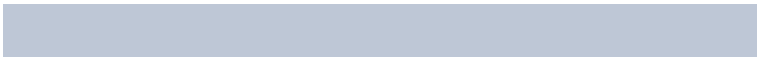
56.4880, 0.3350, 0.3421



56.6959, 0.2923, 0.3155

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.



56.4880, 0.2955, 0.3103



56.4880, 0.3350, 0.3421



56.4880, 0.2920, 0.3244

Square

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



56.4880, 0.3350, 0.3421



56.4880, 0.3090, 0.3439



56.4880, 0.2909, 0.3154



56.4880, 0.3162, 0.3148

Rectangle

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



56.4880, 0.3350, 0.3421



56.4880, 0.3241, 0.3491



56.4880, 0.2909, 0.3154



56.4880, 0.3012, 0.3096

Sweetspot

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



56.4905, 0.3350, 0.3421



95.4784, 0.3190, 0.3329



52.4946, 0.3227, 0.3088



20.2581, 0.3203, 0.3336



0.0000, 0.0000, 0.0000



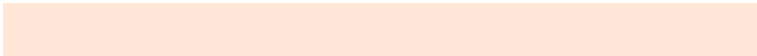
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4905, 0.3350, 0.3421



82.8675, 0.3406, 0.3452



62.9256, 0.3329, 0.3578



13.2151, 0.3281, 0.3382



12.6887, 0.5704, 0.3853



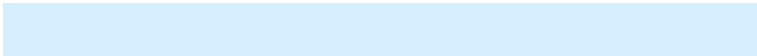
0.9243, 0.5386, 0.4106

Inverse Universe

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



56.6959, 0.2923, 0.3155



83.2402, 0.2877, 0.3123



50.5826, 0.2918, 0.2984



13.2488, 0.2982, 0.3196



12.7490, 0.1876, 0.1954



0.9282, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 56.4880, 0.3350, 0.3421 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 56.4880, 0.3350, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

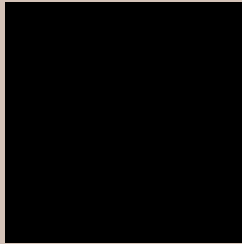
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4880, 0.3350, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 56.4880, 0.3350, 0.3421.



This preview shows how white text looks on a background with the Yxy color 56.4880, 0.3350, 0.3421.

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

56.4880, 0.3350, 0.3421

Protanopia

56.4144, 0.3281, 0.3434

Deuteranopia

56.2940, 0.3433, 0.3360



Tritanopia

56.6513, 0.3200, 0.3118

Trichromacy



Original Color

56.4880, 0.3350, 0.3421

Protanomaly

56.3925, 0.3307, 0.3422

Deuteranomaly

56.1075, 0.3397, 0.3372

Tritanomaly

56.5596, 0.3252, 0.3221

Monochromacy



Original Color

56.4880, 0.3350, 0.3421

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1206, 0.3204, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4880, 0.3350, 0.3421 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(212, 195, 184)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 184)  
}
```

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(212, 195, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.4880, 0.3350, 0.3421 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(212, 195, 184) }
```

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

```
.border{ border-color:rgb(212, 195, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 184);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4880, 0.3350, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 184) }
```

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

```
.background{ background-color: rgb(212,  
195, 184) }
```

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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