

Converting Colors

Yxy(56.0122, 0.3484, 0.3485)

Have a look what the booklet for
Yxy(56.0122, 0.3484, 0.3485)
contains.

Yxy(55.8939, 0.3478, 0.3478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.8939, 0.3478, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	DBC0B0
RGB	219, 192, 176
RGB Percent	86%, 75%, 69%
CMY	0.1413, 0.2470, 0.3098
CMYK	0.00, 0.12, 0.20, 0.14
HSL	22°, 37%, 77%
HSV	22°, 20%, 86%
XYZ	55.8939, 55.8939, 48.9192
YIQ	198.2490, 21.2280, 0.7480

Conversions

Conversions Part 2

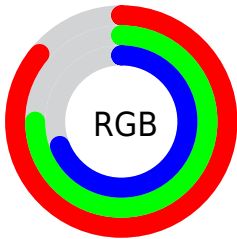
Format	Color
R _Y B	219, 201, 176
Decimal	14401712
CIE Lab	79.55, 7.03, 11.57
CIE LCh	80, 13.537, 58.697
Yxy	55.8939, 0.3478, 0.3478
Android (android.graphics.Color)	4292591792 (0xFFDBC0B0)
YUV	198.2490, -10.9688, 18.1986
Hunter-Lab	74.7622, 2.6167, 13.5383

Details

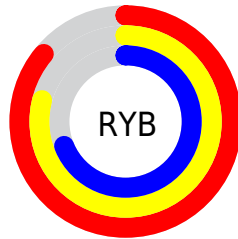
The Yxy color $55.8939, 0.3478, 0.3478$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $57.0394, 0.2823, 0.3094$, and the grayscale version is $56.6895, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.2210, 0.3269, 0.3446$, and $27.7878, 0.3581, 0.3539$ is the 20% darker color. If you saturate the color by 10%, you get $49.3432, 0.3702, 0.3580$, and if you desaturate by 10%, it is $63.1528, 0.3286, 0.3379$.

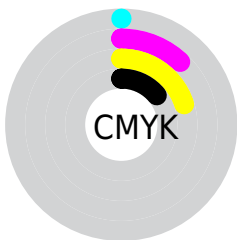
Distribution



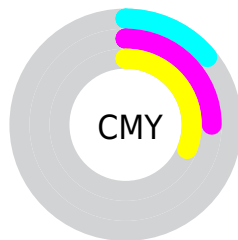
- Red (86%)
- Green (75%)
- Blue (69%)



- Red (86%)
- Yellow (79%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8939, 0.3478, 0.3478 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 55.8939, 0.3478, 0.3478 by changing the saturation by 10% instead.


 55.8939, 0.3478,
0.3478

 55.8939, 0.3478,
0.3478

409.2915, 0.3307,
0.3389

 40.1179, 0.3519,
0.3499


 98.8494, 0.3417,
0.3447

 27.6305, 0.3572,
0.3525


126.7977, 0.3394,
0.3435

 18.0473, 0.3640,
0.3558


159.5722, 0.3374,
0.3424

 10.9839, 0.3733,
0.3601

197.5573, 0.3357,
0.3415

 6.0560, 0.3867,
0.3661

241.1374, 0.3342,
0.3408

 2.8792, 0.4075,
0.3747

290.6968, 0.3329,

 1.0690, 0.4642,

0.3401

0.4056

346.6201, 0.3317,
0.3395

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8939, 0.3478,
0.3478

55.8939, 0.3478,
0.3478

49.3432, 0.3702,
0.3580

63.1528, 0.3286,
0.3379

43.4710, 0.3960,
0.3682

71.1332, 0.3121,
0.3287

38.2566, 0.4253,
0.3777

79.8578, 0.2982,
0.3201

33.6753, 0.4573,
0.3856

88.7797, 0.2909,
0.3208

■ 29.7007, 0.4910,
0.3907

■ 93.7960, 0.2911,
0.3289

■ 26.3039, 0.5241,
0.3916

■ 23.4535, 0.5538,
0.3874

■ 21.1077, 0.5783,
0.3787

■ 21.0279, 0.5792,
0.3783

Harmonies

Analogous

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



55.8939, 0.3450, 0.3333



55.8939, 0.3478, 0.3478



55.8939, 0.3409, 0.3578

Triad

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



55.8939, 0.3478, 0.3478



55.8939, 0.2922, 0.3398



55.8939, 0.2985, 0.2996

Complementary

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



55.8939, 0.3478, 0.3478



57.0394, 0.2823, 0.3094

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.



55.8939, 0.2849, 0.3005



55.8939, 0.3478, 0.3478



55.8939, 0.2814, 0.3233

Square

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



55.8939, 0.3478, 0.3478



55.8939, 0.3086, 0.3536



55.8939, 0.2788, 0.3089



55.8939, 0.3161, 0.3061

Rectangle

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



55.8939, 0.3478, 0.3478



55.8939, 0.3318, 0.3604



55.8939, 0.2788, 0.3089



55.8939, 0.2933, 0.2990

Sweetspot

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



55.8964, 0.3478, 0.3478



93.0807, 0.3224, 0.3346



50.4312, 0.3278, 0.2977



19.7668, 0.3235, 0.3352



0.0000, 0.0000, 0.0000



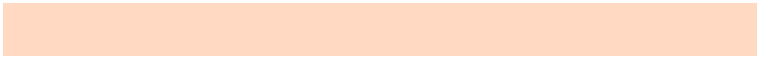
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8964, 0.3478, 0.3478



74.5664, 0.3577, 0.3525



65.9026, 0.3433, 0.3715



13.8423, 0.3282, 0.3378



12.6651, 0.5765, 0.3805



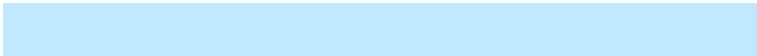
0.9826, 0.5457, 0.4049

Inverse Universe

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



57.0394, 0.2823, 0.3094



76.4881, 0.2751, 0.3043



47.6913, 0.2806, 0.2826



13.9717, 0.2982, 0.3201



13.9266, 0.1897, 0.2027



1.0654, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 55.8939, 0.3478, 0.3478 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 55.8939, 0.3478, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

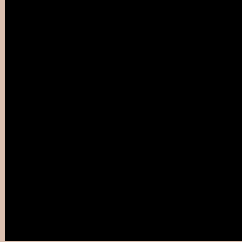
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8939, 0.3478, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 55.8939, 0.3478, 0.3478.



This preview shows how white text looks on a background with the Yxy color 55.8939, 0.3478, 0.3478.

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

55.8939, 0.3478, 0.3478

Protanopia

56.1260, 0.3335, 0.3520

Deuteranopia

55.8088, 0.3526, 0.3453



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

55.8939, 0.3478, 0.3478

Protanomaly

55.9062, 0.3388, 0.3506

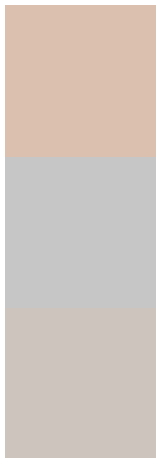
Deuteranomaly

55.9258, 0.3506, 0.3465

Tritanomaly

55.6176, 0.3363, 0.3245

Monochromacy



Original Color

55.8939, 0.3478, 0.3478

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3194, 0.3253, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8939, 0.3478, 0.3478 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(219, 192, 176)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 176)  
}
```

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(219, 192, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 176) }
```

Border

The CSS property to change the border of an element to Yxy 55.8939, 0.3478, 0.3478 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(219, 192, 176) }
```

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

```
.border{ border-color:rgb(219, 192, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 176);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8939, 0.3478, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 176) }
```

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

```
.background{ background-color: rgb(219,  
192, 176) }
```

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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