

Converting Colors

Yxy(56.6624, 0.3451, 0.3496)

Have a look what the booklet for
Yxy(56.6624, 0.3451, 0.3496)
contains.

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Color

Yxy(56.5096, 0.3449, 0.3490)

Conversions

Conversions Part 1

Format	Color
Hex	D9C2B1
RGB	217, 194, 177
RGB Percent	85%, 76%, 69%
CMY	0.1490, 0.2392, 0.3058
CMYK	0.00, 0.11, 0.18, 0.15
HSL	25°, 34%, 77%
HSV	25°, 18%, 85%
XYZ	55.8457, 56.5096, 49.5633
YIQ	198.9390, 19.1650, -0.4110

Conversions

Conversions Part 2

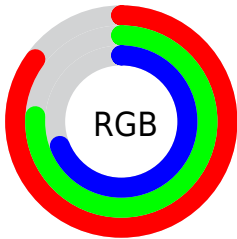
Format	Color
R _Y B	217, 207, 177
Decimal	14271153
CIE Lab	79.90, 5.41, 11.50
CIE LCh	80, 12.708, 64.821
Yxy	56.5096, 0.3449, 0.3490
Android (android.graphics.Color)	4292461233 (0xFFD9C2B1)
YUV	198.9390, -10.8159, 15.8395
Hunter-Lab	75.1729, 1.0547, 13.5297

Details

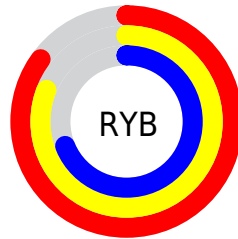
The Yxy color $56.5096, 0.3449, 0.3490$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.6760, 0.2840, 0.3081$, and the grayscale version is $57.1350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.5144, 0.3261, 0.3455$, and $27.8928, 0.3543, 0.3540$ is the 20% darker color. If you saturate the color by 10%, you get $50.3892, 0.3663, 0.3606$, and if you desaturate by 10%, it is $63.2395, 0.3264, 0.3379$.

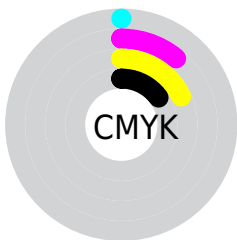
Distribution



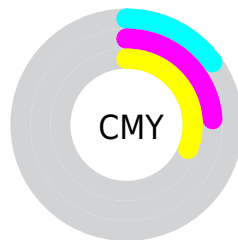
- Red (85%)
- Green (76%)
- Blue (69%)



- Red (85%)
- Yellow (81%)
- Blue (69%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5096, 0.3449, 0.3490 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 56.5096, 0.3449, 0.3490 by changing the saturation by 10% instead.


 56.5096, 0.3449,
0.3490

 56.5096, 0.3449,
0.3490


411.6092, 0.3292,
0.3395

 40.6116, 0.3487,
0.3512


 99.7493, 0.3393,
0.3456

 28.0158, 0.3535,
0.3540


127.8598, 0.3372,
0.3444

 18.3375, 0.3597,
0.3576

160.8099, 0.3354,
0.3433

 11.1926, 0.3681,
0.3624

198.9841, 0.3338,
0.3423

 6.1965, 0.3802,
0.3690

242.7668, 0.3324,
0.3415

 2.9649, 0.3989,
0.3786

292.5422, 0.3313,

 1.1135, 0.4479,

0.3407

0.4089

348.6949, 0.3302,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5096, 0.3449,
0.3490

56.5096, 0.3449,
0.3490

50.3892, 0.3663,
0.3606

63.2395, 0.3264,
0.3379

44.8527, 0.3907,
0.3721

70.5884, 0.3104,
0.3274

39.8838, 0.4180,
0.3831

78.5750, 0.2966,
0.3177

35.4625, 0.4478,
0.3925

86.6344, 0.2896,
0.3176

■ 31.5674, 0.4789,
0.3991

■ 93.4933, 0.2900,
0.3289

■ 28.1753, 0.5095,
0.4017

■ 25.2604, 0.5375,
0.3992

■ 22.7907, 0.5609,
0.3915

■ 22.4390, 0.5643,
0.3901

Harmonies

Analogous

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



56.5096, 0.3442, 0.3360



56.5096, 0.3449, 0.3490



56.5096, 0.3368, 0.3571

Triad

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



56.5096, 0.3449, 0.3490



56.5096, 0.2909, 0.3360



56.5096, 0.3026, 0.3022

Complementary

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



56.5096, 0.3449, 0.3490



55.6760, 0.2840, 0.3081

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.



56.5096, 0.2888, 0.3015



56.5096, 0.3449, 0.3490



56.5096, 0.2823, 0.3206

Square

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



56.5096, 0.3449, 0.3490



56.5096, 0.3055, 0.3498



56.5096, 0.2815, 0.3081



56.5096, 0.3194, 0.3095

Rectangle

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



56.5096, 0.3449, 0.3490



56.5096, 0.3276, 0.3583



56.5096, 0.2815, 0.3081



56.5096, 0.2975, 0.3011

Sweetspot

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



56.5121, 0.3449, 0.3490



93.5662, 0.3223, 0.3353



50.3877, 0.3284, 0.3019



19.8814, 0.3234, 0.3360



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.



56.5121, 0.3449, 0.3490



78.0100, 0.3526, 0.3533



65.8580, 0.3410, 0.3710



13.9562, 0.3281, 0.3390



13.7817, 0.5618, 0.3921



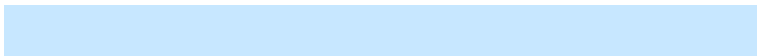
1.0613, 0.5331, 0.4149

Inverse Universe

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



55.6760, 0.2840, 0.3081



76.5955, 0.2780, 0.3034



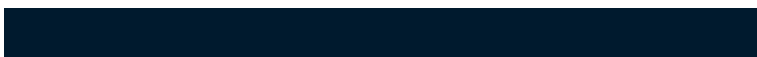
47.1398, 0.2826, 0.2832



13.8547, 0.2982, 0.3188



12.0979, 0.1845, 0.1843



0.9532, 0.1917, 0.2102

Previews

White Background



This preview shows how the Yxy color 56.5096, 0.3449, 0.3490 looks on a white background.

Color Contrast Check

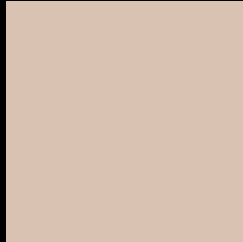
Large Text (above 18pt) WCAG AA × Fail

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 56.5096, 0.3449, 0.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

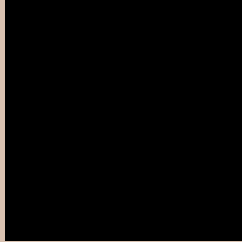
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5096, 0.3449, 0.3490

Background



This preview shows how black text looks on a background with the Yxy color 56.5096, 0.3449, 0.3490.



This preview shows how white text looks on a background with the Yxy color 56.5096, 0.3449, 0.3490.

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

56.5096, 0.3449, 0.3490

Protanopia

56.7647, 0.3334, 0.3519

Deuteranopia

56.4835, 0.3516, 0.3440



Tritanopia

56.6068, 0.3266, 0.3120

Trichromacy



Original Color

56.5096, 0.3449, 0.3490

Protanomaly

56.8485, 0.3377, 0.3517

Deuteranomaly

56.4432, 0.3488, 0.3453

Tritanomaly

56.4174, 0.3335, 0.3245

Monochromacy



Original Color

56.5096, 0.3449, 0.3490

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.8159, 0.3244, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5096, 0.3449, 0.3490 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(217, 194, 177)` looks like.

```
.text, #text, p{  
    color:rgb(217, 194, 177)  
}
```

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(217, 194, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.5096, 0.3449, 0.3490 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(217, 194, 177) }
```

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

```
.border{ border-color:rgb(217, 194, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 194, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 177);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5096, 0.3449, 0.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 177) }
```

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

```
.background{ background-color: rgb(217,  
194, 177) }
```

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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