

Converting Colors

$Yxy(55.5264, 0.3515, 0.3583)$

Have a look what the booklet for
Yxy(55.5264, 0.3515, 0.3583)
contains.

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Color

Yxy(55.5660, 0.3515, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	D8C1A8
RGB	216, 193, 168
RGB Percent	85%, 76%, 66%
CMY	0.1530, 0.2431, 0.3412
CMYK	0.00, 0.11, 0.22, 0.15
HSL	31°, 38%, 75%
HSV	31°, 22%, 85%
XYZ	54.4507, 55.5660, 44.8927
YIQ	197.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

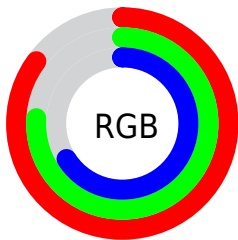
Format	Color
R _Y B	212, 216, 168
Decimal	14205352
CIE Lab	79.37, 4.20, 15.57
CIE LCh	79, 16.125, 74.890
Yxy	55.5660, 0.3515, 0.3587
Android (android.graphics.Color)	4292395432 (0xFFD8C1A8)
YUV	197.0270, -14.3103, 16.6393
Hunter-Lab	74.5426, -0.0618, 16.4729

Details

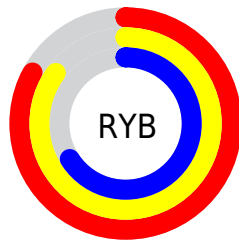
The Yxy color **55.5660, 0.3515, 0.3587** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.5190, 0.2776, 0.2974**, and the grayscale version is **55.9295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3391, 0.3323, 0.3545**, and **27.5942, 0.3619, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **50.4183, 0.3726, 0.3728**, and if you desaturate by 10%, it is **61.1718, 0.3327, 0.3449**.

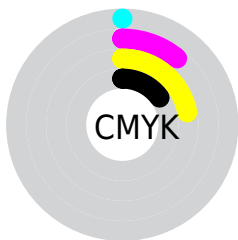
Distribution



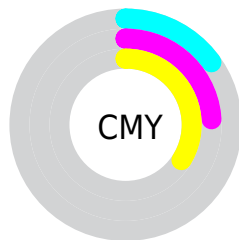
- Red (85%)
- Green (76%)
- Blue (66%)



- Red (83%)
- Yellow (85%)
- Blue (66%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5660, 0.3515, 0.3587 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 55.5660, 0.3515, 0.3587 by changing the saturation by 10% instead.


 55.5660, 0.3515,
0.3587


 55.5660, 0.3515,
0.3587


408.0539, 0.3326,
0.3445

 39.8551, 0.3561,
0.3621


 98.3697, 0.3448,
0.3537

 27.4256, 0.3618,
0.3663


 126.2313, 0.3422,
0.3517

 17.8931, 0.3693,
0.3716


158.9119, 0.3400,
0.3501

 10.8733, 0.3794,
0.3788

196.7959, 0.3381,
0.3487

 5.9817, 0.3938,
0.3887

240.2677, 0.3365,
0.3474

 2.8339, 0.4157,
0.4031

289.7117, 0.3350,

 1.0457, 0.5061,

0.3463

0.4755

345.5123, 0.3338,
0.3454

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5660, 0.3515,
0.3587

55.5660, 0.3515,
0.3587

50.4183, 0.3726,
0.3728

61.1718, 0.3327,
0.3449

45.7079, 0.3961,
0.3867

67.2404, 0.3161,
0.3318

41.4237, 0.4214,
0.3995

73.7864, 0.3016,
0.3195

37.5508, 0.4479,
0.4102

80.8210, 0.2889,
0.3081

■ 34.0732, 0.4744,
0.4176

■ 86.9299, 0.2890,
0.3183

■ 30.9734, 0.4994,
0.4205

■ 93.3357, 0.2894,
0.3289

■ 28.2316, 0.5212,
0.4179

■ 26.3253, 0.5358,
0.4127

Harmonies

Analogous

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



55.5660, 0.3546, 0.3436



55.5660, 0.3515, 0.3587



55.5660, 0.3378, 0.3663

Triad

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



55.5660, 0.3515, 0.3587



55.5660, 0.2803, 0.3312



55.5660, 0.3067, 0.2973

Complementary

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



55.5660, 0.3515, 0.3587



50.5190, 0.2776, 0.2974

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.



55.5660, 0.2874, 0.2934



55.5660, 0.3515, 0.3587



55.5660, 0.2726, 0.3121

Square

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



55.5660, 0.3515, 0.3587



55.5660, 0.2966, 0.3504



55.5660, 0.2751, 0.2985



55.5660, 0.3283, 0.3089

Rectangle

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



55.5660, 0.3515, 0.3587



55.5660, 0.3247, 0.3657



55.5660, 0.2751, 0.2985



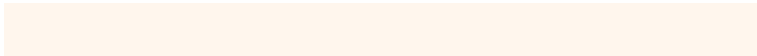
55.5660, 0.2997, 0.2951

Sweetspot

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



55.5685, 0.3515, 0.3587



93.5744, 0.3239, 0.3381



46.3647, 0.3366, 0.3016



19.9136, 0.3249, 0.3389



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.



55.5685, 0.3515, 0.3587



77.0843, 0.3618, 0.3658



66.4015, 0.3454, 0.3843



13.4817, 0.3278, 0.3412



15.8029, 0.5336, 0.4145



1.1185, 0.5086, 0.4344

Inverse Universe

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



50.5190, 0.2776, 0.2974



68.3896, 0.2693, 0.2891



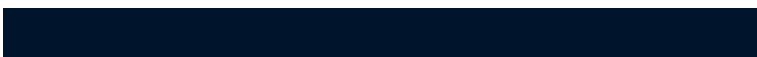
41.3673, 0.2760, 0.2673



12.9792, 0.2982, 0.3165



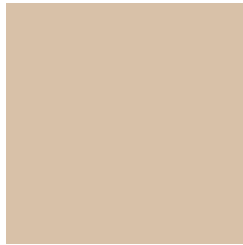
8.9312, 0.1755, 0.1516



0.7039, 0.1844, 0.1839

Previews

White Background



This preview shows how the Yxy color 55.5660, 0.3515, 0.3587 looks on a white background.

Color Contrast Check

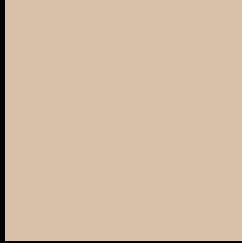
Large Text (above 18pt) WCAG AA × Fail

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 55.5660, 0.3515, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

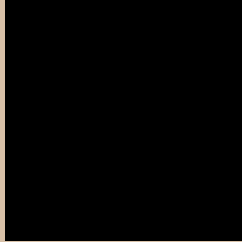
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5660, 0.3515, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 55.5660, 0.3515, 0.3587.



This preview shows how white text looks on a background with the Yxy color 55.5660, 0.3515, 0.3587.

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

55.5660, 0.3515, 0.3587

Protanopia

55.5039, 0.3407, 0.3606

Deuteranopia

55.4285, 0.3604, 0.3522



Tritanopia

55.4939, 0.3276, 0.3119

Trichromacy



Original Color

55.5660, 0.3515, 0.3587

Protanomaly

55.5964, 0.3451, 0.3603

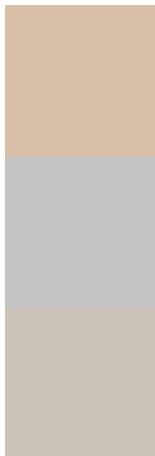
Deuteranomaly

55.2211, 0.3566, 0.3536

Tritanomaly

55.6047, 0.3369, 0.3291

Monochromacy



Original Color

55.5660, 0.3515, 0.3587

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.8624, 0.3267, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5660, 0.3515, 0.3587 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(216, 193, 168)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 168)  
}
```

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(216, 193, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.5660, 0.3515, 0.3587 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(216, 193, 168) }
```

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

```
.border{ border-color:rgb(216, 193, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 193, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 193, 168); box-shadow:4px 4px 4px 4px rgb(216, 193, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5660, 0.3515, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 168) }
```

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

```
.background{ background-color: rgb(216,  
193, 168) }
```

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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