

Converting Colors

$Yxy(58.1833, 0.3520, 0.3677)$

Have a look what the booklet for
Yxy(58.1833, 0.3520, 0.3677)
contains.

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Color

Yxy(58.1990, 0.3516, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	D8C7A6
RGB	216, 199, 166
RGB Percent	85%, 78%, 65%
CMY	0.1530, 0.2196, 0.3491
CMYK	0.00, 0.08, 0.23, 0.15
HSL	40°, 39%, 75%
HSV	40°, 23%, 85%
XYZ	55.6205, 58.1990, 44.3730
YIQ	200.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

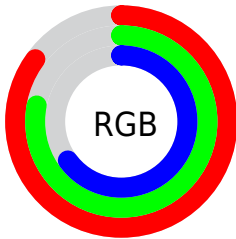
Format	Color
RYB	192, 216, 166
Decimal	14206886
CIELab	80.85, 0.76, 18.70
CIELCh	81, 18.717, 87.662
Yxy	58.1990, 0.3516, 0.3679
Android (android.graphics.Color)	4292396966 (0xFFD8C7A6)
YUV	200.3210, -16.9203, 13.7505
Hunter-Lab	76.2883, -3.3632, 18.9158

Details

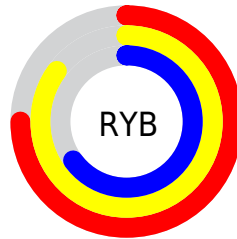
The Yxy color **58.1990, 0.3516, 0.3679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9134, 0.2753, 0.2868**, and the grayscale version is **58.0635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0005, 0.3327, 0.3621**, and **29.0428, 0.3620, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **54.1812, 0.3710, 0.3854**, and if you desaturate by 10%, it is **62.5178, 0.3337, 0.3506**.

Distribution



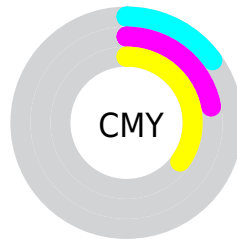
- Red (85%)
- Green (78%)
- Blue (65%)



- Red (75%)
- Yellow (85%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (15%)




- Cyan (15%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1990, 0.3516, 0.3679 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 58.1990, 0.3516, 0.3679 by changing the saturation by 10% instead.


 58.1990, 0.3516,
0.3679


 58.1990, 0.3516,
0.3679


417.9270, 0.3329,
0.3493

 41.9687, 0.3560,
0.3723

 102.2126, 0.3450,
0.3613

 29.0767, 0.3616,
0.3778


 130.7646, 0.3424,
0.3588

 19.1389, 0.3687,
0.3849


164.1927, 0.3403,
0.3566

 11.7707, 0.3783,
0.3943

202.8811, 0.3384,
0.3548

 6.5877, 0.3915,
0.4073

247.2144, 0.3368,
0.3531

 3.2056, 0.4109,
0.4261

297.5769, 0.3353,

 1.2400, 0.4922,

0.3517

0.5077

354.3530, 0.3341,
0.3504

0.0940, 0.5346,
0.4654

0.0000, 0.0000,
0.0000

58.1990, 0.3516,
0.3679

58.1990, 0.3516,
0.3679

54.1812, 0.3710,
0.3854

62.5178, 0.3337,
0.3506

50.4474, 0.3916,
0.4024

67.1380, 0.3175,
0.3340

46.9910, 0.4129,
0.4182

72.0702, 0.3029,
0.3184

43.8015, 0.4341,
0.4315

77.3221, 0.2898,
0.3038

■ 40.8675, 0.4542,
0.4413

■ 81.6173, 0.2886,
0.3089

■ 38.1765, 0.4722,
0.4466

■ 85.9184, 0.2889,
0.3166

■ 35.7134, 0.4871,
0.4468

■ 90.3947, 0.2892,
0.3242

■ 34.1413, 0.4958,
0.4445

■ 93.3362, 0.2894,
0.3289

Harmonies

Analogous

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



58.1990, 0.3608, 0.3536



58.1990, 0.3516, 0.3679



58.1990, 0.3320, 0.3720

Triad

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



58.1990, 0.3516, 0.3679



58.1990, 0.2707, 0.3216



58.1990, 0.3163, 0.2977

Complementary

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



58.1990, 0.3516, 0.3679



46.9134, 0.2753, 0.2868

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.



58.1990, 0.2924, 0.2892



58.1990, 0.3516, 0.3679



58.1990, 0.2668, 0.3019

Square

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



58.1990, 0.3516, 0.3679



58.1990, 0.2854, 0.3446



58.1990, 0.2746, 0.2905



58.1990, 0.3400, 0.3137

Rectangle

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



58.1990, 0.3516, 0.3679



58.1990, 0.3159, 0.3677



58.1990, 0.2746, 0.2905



58.1990, 0.3080, 0.2939

Sweetspot

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



58.2016, 0.3516, 0.3679



95.0980, 0.3237, 0.3405



45.3044, 0.3439, 0.3082



20.2667, 0.3246, 0.3415



0.0000, 0.0000, 0.0000



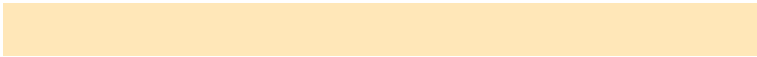
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2016, 0.3516, 0.3679



81.7233, 0.3613, 0.3769



65.3355, 0.3416, 0.3876



13.7769, 0.3275, 0.3444



20.4190, 0.4944, 0.4457



1.3821, 0.4782, 0.4585

Inverse Universe

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



46.9134, 0.2753, 0.2868



62.3932, 0.2664, 0.2759



41.1660, 0.2795, 0.2653



12.6909, 0.2982, 0.3132



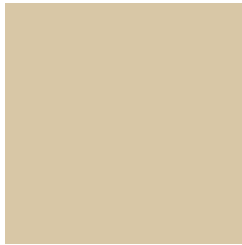
5.9602, 0.1640, 0.1105



0.5107, 0.1738, 0.1457

Previews

White Background



This preview shows how the Yxy color 58.1990, 0.3516, 0.3679 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 58.1990, 0.3516, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

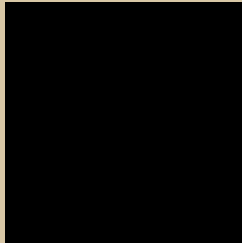
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1990, 0.3516, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 58.1990, 0.3516, 0.3679.



This preview shows how white text looks on a background with the Yxy color 58.1990, 0.3516, 0.3679.

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

58.1990, 0.3516, 0.3679

Protanopia

58.0956, 0.3472, 0.3682

Deuteranopia

58.0858, 0.3661, 0.3584



Tritanopia

58.0661, 0.3240, 0.3121

Trichromacy



Original Color

58.1990, 0.3516, 0.3679

Protanomaly

58.2447, 0.3481, 0.3681

Deuteranomaly

57.9890, 0.3604, 0.3612

Tritanomaly

57.9405, 0.3337, 0.3314

Monochromacy



Original Color

58.1990, 0.3516, 0.3679

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0612, 0.3263, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1990, 0.3516, 0.3679 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, 199, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 199, 166)  
}
```

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, 199, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 199, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.1990, 0.3516, 0.3679 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, 199, 166) }
```

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

```
.border{ border-color:rgb(216, 199, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 199, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 199, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 199, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 199,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1990, 0.3516, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 199, 166) }
```

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

```
.background{ background-color: rgb(216,  
199, 166) }
```

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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