

Converting Colors

Yxy(58.4711, 0.3346, 0.3456)

Have a look what the booklet for
Yxy(58.4711, 0.3346, 0.3456)
contains.

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Color

Yxy(58.4958, 0.3344, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7B9
RGB	213, 199, 185
RGB Percent	84%, 78%, 73%
CMY	0.1648, 0.2196, 0.2746
CMYK	0.00, 0.07, 0.13, 0.16
HSL	30°, 25%, 78%
HSV	30°, 13%, 84%
XYZ	56.6165, 58.4958, 54.1954
YIQ	201.5900, 12.8380, -1.3860

Conversions

Conversions Part 2

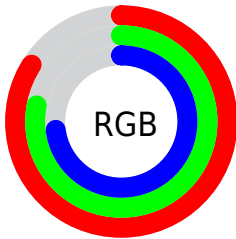
Format	Color
R _Y B	213, 213, 185
Decimal	14010297
CIE Lab	81.01, 2.54, 8.76
CIE LCh	81, 9.124, 73.858
Yxy	58.4958, 0.3344, 0.3455
Android (android.graphics.Color)	4292200377 (0xFFD5C7B9)
YUV	201.5900, -8.1789, 10.0066
Hunter-Lab	76.4825, -1.7092, 11.5250

Details

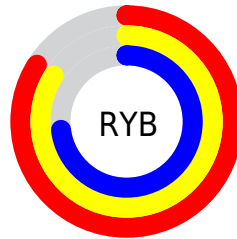
The Yxy color **58.4958, 0.3344, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9434, 0.2923, 0.3119**, and the grayscale version is **58.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **29.1858, 0.3398, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **52.9431, 0.3536, 0.3588**, and if you desaturate by 10%, it is **64.5301, 0.3176, 0.3328**.

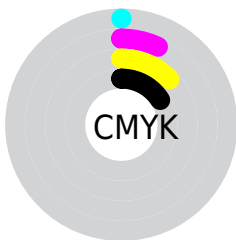
Distribution



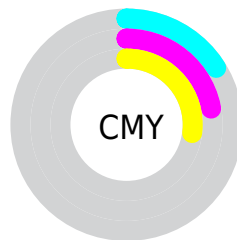
- Red (84%)
- Green (78%)
- Blue (73%)



- Red (84%)
- Yellow (84%)
- Blue (73%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4958, 0.3344, 0.3455 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 58.4958, 0.3344, 0.3455 by changing the saturation by 10% instead.

■ 58.4958, 0.3344,
0.3455

■ 58.4958, 0.3344,
0.3455

419.0309, 0.3239,
0.3376

■ 42.2074, 0.3369,
0.3474

■ 102.6445, 0.3307,
0.3427

■ 29.2637, 0.3401,
0.3497

131.2736, 0.3293,
0.3416

■ 19.2804, 0.3442,
0.3527

164.7850, 0.3280,
0.3407

■ 11.8731, 0.3497,
0.3568

203.5631, 0.3270,
0.3399

■ 6.6573, 0.3576,
0.3624

247.9924, 0.3261,
0.3393

■ 3.2487, 0.3697,
0.3710

298.4572, 0.3253,

■ 1.2629, 0.3930,

0.3386

355.3419, 0.3246,
0.3381

0.3876

0.1122, 0.6004,
0.3996

58.4958, 0.3344,
0.3455

52.9431, 0.3536,
0.3588

47.8513, 0.3752,
0.3724

43.2095, 0.3993,
0.3856

39.0033, 0.4253,
0.3979

58.4958, 0.3344,
0.3455

64.5301, 0.3176,
0.3328

71.0507, 0.3029,
0.3210

78.0718, 0.2901,
0.3100

84.5883, 0.2871,
0.3150

■ 35.2174, 0.4527,
0.4079

■ 91.0844, 0.2876,
0.3260

■ 31.8353, 0.4801,
0.4145

■ 92.8842, 0.2877,
0.3289

■ 28.8386, 0.5059,
0.4164

■ 26.2070, 0.5284,
0.4129

■ 24.5959, 0.5418,
0.4080

Harmonies

Analogous

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



58.4958, 0.3358, 0.3372



58.4958, 0.3344, 0.3455



58.4958, 0.3271, 0.3496

Triad

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



58.4958, 0.3344, 0.3455



58.4958, 0.2948, 0.3308



58.4958, 0.3091, 0.3109

Complementary

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



58.4958, 0.3344, 0.3455



55.9434, 0.2923, 0.3119

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.



58.4958, 0.2983, 0.3090



58.4958, 0.3344, 0.3455



58.4958, 0.2902, 0.3202

Square

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



58.4958, 0.3344, 0.3455



58.4958, 0.3042, 0.3411



58.4958, 0.2914, 0.3123



58.4958, 0.3210, 0.3174

Rectangle

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



58.4958, 0.3344, 0.3455



58.4958, 0.3199, 0.3492



58.4958, 0.2914, 0.3123



58.4958, 0.3052, 0.3097

Sweetspot

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



58.4984, 0.3344, 0.3455



96.1554, 0.3190, 0.3339



52.9578, 0.3252, 0.3126



20.4293, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



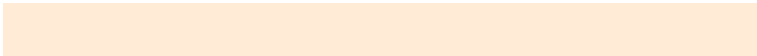
21.4041, 0.3127, 0.3290

Same Dimension

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



58.4984, 0.3344, 0.3455



85.3351, 0.3399, 0.3495



65.2284, 0.3323, 0.3613



13.4384, 0.3279, 0.3407



15.2307, 0.5396, 0.4098



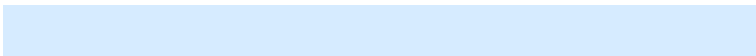
1.0842, 0.5133, 0.4306

Inverse Universe

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



55.9434, 0.2923, 0.3119



80.7122, 0.2875, 0.3077



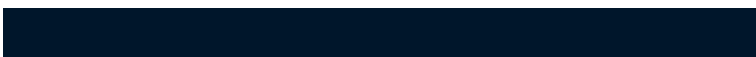
49.8063, 0.2919, 0.2945



13.0224, 0.2982, 0.3170



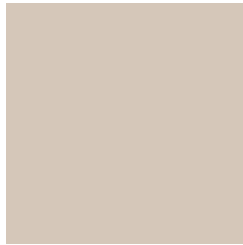
9.4732, 0.1773, 0.1584



0.7369, 0.1861, 0.1898

Previews

White Background



This preview shows how the Yxy color 58.4958, 0.3344, 0.3455 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 58.4958, 0.3344, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

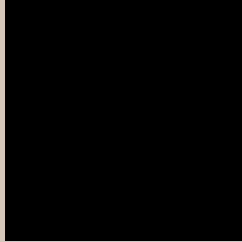
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

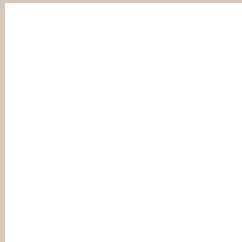
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4958, 0.3344, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 58.4958, 0.3344, 0.3455.



This preview shows how white text looks on a background with the Yxy color 58.4958, 0.3344, 0.3455.

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

58.4958, 0.3344, 0.3455

Protanopia

58.2636, 0.3294, 0.3456

Deuteranopia

58.2975, 0.3453, 0.3382



Tritanopia

58.3323, 0.3175, 0.3108

Trichromacy



Original Color

58.4958, 0.3344, 0.3455

Protanomaly

58.5554, 0.3310, 0.3456

Deuteranomaly

58.3972, 0.3407, 0.3406

Tritanomaly

58.1912, 0.3234, 0.3221

Monochromacy



Original Color

58.4958, 0.3344, 0.3455

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8806, 0.3203, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4958, 0.3344, 0.3455 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(213, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 185)  
}
```

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(213, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 185) }
```

Border

The CSS property to change the border of an element to Yxy 58.4958, 0.3344, 0.3455 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(213, 199, 185) }
```

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

```
.border{ border-color:rgb(213, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4958, 0.3344, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 185) }
```

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

```
.background{ background-color: rgb(213,  
199, 185) }
```

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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