

Converting Colors

Yxy(58.3744, 0.3416, 0.3401)

Have a look what the booklet for
Yxy(58.3744, 0.3416, 0.3401)
contains.

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Color

Yxy(58.5546, 0.3415, 0.3405)

Conversions

Conversions Part 1

Format	Color
Hex	DEC4BA
RGB	222, 196, 186
RGB Percent	87%, 77%, 73%
CMY	0.1295, 0.2313, 0.2704
CMYK	0.00, 0.12, 0.16, 0.13
HSL	17°, 35%, 80%
HSV	17°, 16%, 87%
XYZ	58.7266, 58.5546, 54.6854
YIQ	202.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

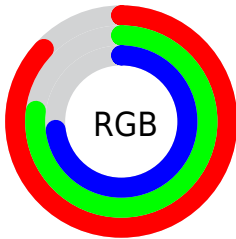
Format	Color
R _Y B	222, 200, 186
Decimal	14599354
CIE Lab	81.05, 7.56, 8.34
CIE LCh	81, 11.259, 47.825
Yxy	58.5546, 0.3415, 0.3405
Android (android.graphics.Color)	4292789434 (0xFFDEC4BA)
YUV	202.6340, -8.2006, 16.9840
Hunter-Lab	76.5210, 3.0794, 11.1934

Details

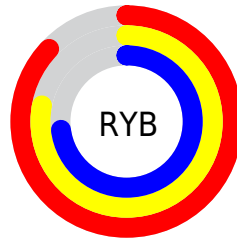
The Yxy color **58.5546, 0.3415, 0.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8143, 0.2878, 0.3172**, and the grayscale version is **59.5250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9214, 0.3204, 0.3396**, and **29.2549, 0.3496, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **50.8294, 0.3638, 0.3481**, and if you desaturate by 10%, it is **67.2058, 0.3228, 0.3332**.

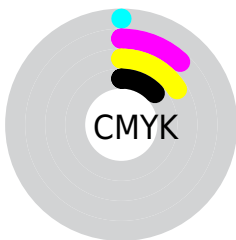
Distribution



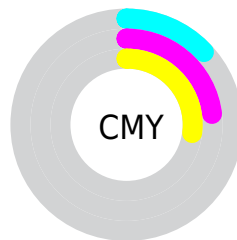
- Red (87%)
- Green (77%)
- Blue (73%)



- Red (87%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (12%)
- Yellow (16%)
- Black (13%)




- Cyan (13%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5546, 0.3415, 0.3405 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 58.5546, 0.3415, 0.3405 by changing the saturation by 10% instead.

 58.5546, 0.3415,
0.3405

 58.5546, 0.3415,
0.3405


419.2493, 0.3276,
0.3351

 42.2547, 0.3448,
0.3417

 102.7300, 0.3365,
0.3386

 29.3008, 0.3491,
0.3433


131.3744, 0.3346,
0.3379

 19.3085, 0.3546,
0.3452


164.9023, 0.3330,
0.3373

 11.8934, 0.3620,
0.3478

203.6981, 0.3316,
0.3367

 6.6711, 0.3726,
0.3513

248.1464, 0.3304,
0.3363

 3.2573, 0.3890,
0.3562

298.6314, 0.3294,

 1.2675, 0.4192,

0.3358

355.5376, 0.3284,
0.3355

0.3652

0.1158, 0.7178,
0.2822

0.0000, 0.0000,
0.0000

58.5546, 0.3415,
0.3405

58.5546, 0.3415,
0.3405

50.8294, 0.3638,
0.3481

67.2058, 0.3228,
0.3332

43.9913, 0.3902,
0.3558

76.8045, 0.3071,
0.3265

38.0102, 0.4208,
0.3632

87.3815, 0.2939,
0.3203

32.8513, 0.4555,
0.3693

94.2668, 0.2929,
0.3289

■ 28.4772, 0.4931,
0.3734

■ 24.8476, 0.5313,
0.3741

■ 21.9179, 0.5664,
0.3705

■ 19.6379, 0.5945,
0.3624

■ 18.9223, 0.6036,
0.3590

Harmonies

Analogous

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



58.5546, 0.3364, 0.3280



58.5546, 0.3415, 0.3405



58.5546, 0.3387, 0.3503

Triad

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



58.5546, 0.3415, 0.3405



58.5546, 0.3004, 0.3424



58.5546, 0.2965, 0.3043

Complementary

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



58.5546, 0.3415, 0.3405



62.8143, 0.2878, 0.3172

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.



58.5546, 0.2873, 0.3075



58.5546, 0.3415, 0.3405



58.5546, 0.2895, 0.3293

Square

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



58.5546, 0.3415, 0.3405



58.5546, 0.3148, 0.3518



58.5546, 0.2848, 0.3165



58.5546, 0.3101, 0.3075

Rectangle

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



58.5546, 0.3415, 0.3405



58.5546, 0.3327, 0.3539



58.5546, 0.2848, 0.3165



58.5546, 0.2928, 0.3047

Sweetspot

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



58.5572, 0.3415, 0.3405



93.4665, 0.3208, 0.3324



55.4371, 0.3220, 0.2994



19.8148, 0.3220, 0.3329



0.0000, 0.0000, 0.0000



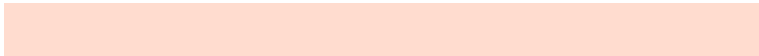
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5572, 0.3415, 0.3405



76.9199, 0.3477, 0.3427



66.9633, 0.3384, 0.3601



14.3159, 0.3285, 0.3356



11.4025, 0.6010, 0.3610



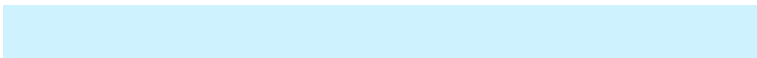
0.9384, 0.5705, 0.3852

Inverse Universe

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



62.8143, 0.2878, 0.3172



83.6682, 0.2833, 0.3149



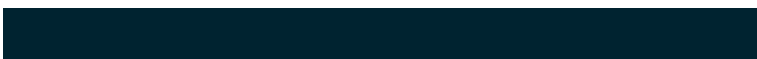
54.4930, 0.2869, 0.2959



14.8962, 0.2982, 0.3223



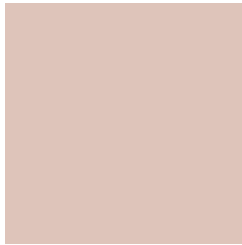
18.3556, 0.1991, 0.2366



1.4203, 0.2035, 0.2525

Previews

White Background



This preview shows how the Yxy color 58.5546, 0.3415, 0.3405 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 58.5546, 0.3415, 0.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

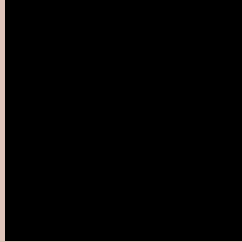
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5546, 0.3415, 0.3405

Background



This preview shows how black text looks on a background with the Yxy color 58.5546, 0.3415, 0.3405.

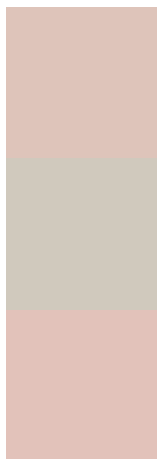


This preview shows how white text looks on a background with the Yxy color 58.5546, 0.3415, 0.3405.

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

58.5546, 0.3415, 0.3405

Protanopia

58.8573, 0.3270, 0.3432

Deuteranopia

58.2975, 0.3453, 0.3382



Tritanopia

58.7015, 0.3272, 0.3123

Trichromacy



Original Color

58.5546, 0.3415, 0.3405

Protanomaly

58.6238, 0.3321, 0.3419

Deuteranomaly

58.5829, 0.3442, 0.3393

Tritanomaly

58.6010, 0.3325, 0.3223

Monochromacy



Original Color

58.5546, 0.3415, 0.3405

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.0414, 0.3228, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5546, 0.3415, 0.3405 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(222, 196, 186)` looks like.

```
.text, #text, p{  
    color:rgb(222, 196, 186)  
}
```

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(222, 196, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 196, 186) }
```

Border

The CSS property to change the border of an element to Yxy 58.5546, 0.3415, 0.3405 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(222, 196, 186) }
```

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

```
.border{ border-color:rgb(222, 196, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 196, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 196, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 196, 186);  
box-shadow:4px 4px 4px 4px rgb(222, 196,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5546, 0.3415, 0.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 196, 186) }
```

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

```
.background{ background-color: rgb(222,  
196, 186) }
```

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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