

Converting Colors

$Yxy(60.5899, 0.3415, 0.3452)$

Have a look what the booklet for
Yxy(60.5899, 0.3415, 0.3452)
contains.

Yxy(60.5417, 0.3416, 0.3450)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5417, 0.3416, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	DFC8BA
RGB	223, 200, 186
RGB Percent	87%, 78%, 73%
CMY	0.1256, 0.2156, 0.2705
CMYK	0.00, 0.10, 0.17, 0.13
HSL	23°, 37%, 80%
HSV	23°, 17%, 87%
XYZ	59.9451, 60.5417, 54.9964
YIQ	205.2810, 18.2020, 0.5220

Conversions

Conversions Part 2

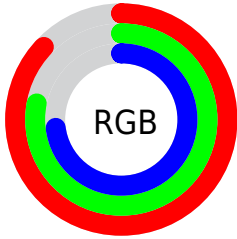
Format	Color
R _Y B	223, 209, 186
Decimal	14665914
CIE Lab	82.13, 5.81, 9.92
CIE LCh	82, 11.490, 59.650
Yxy	60.5417, 0.3416, 0.3450
Android (android.graphics.Color)	4292855994 (0xFFDFC8BA)
YUV	205.2810, -9.5055, 15.5396
Hunter-Lab	77.8085, 1.3545, 12.5588

Details

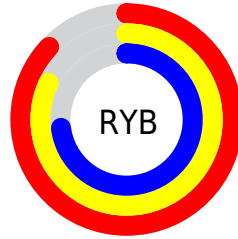
The Yxy color **60.5417, 0.3416, 0.3450** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3665, 0.2870, 0.3124**, and the grayscale version is **61.2924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **30.5761, 0.3496, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **53.5369, 0.3630, 0.3553**, and if you desaturate by 10%, it is **68.2818, 0.3233, 0.3351**.

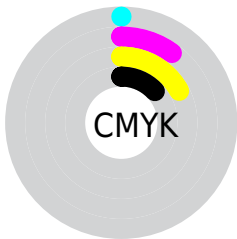
Distribution



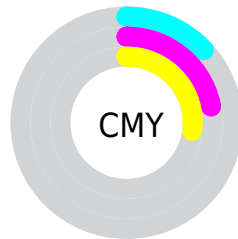
- Red (87%)
- Green (78%)
- Blue (73%)



- Red (87%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5417, 0.3416, 0.3450 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 60.5417, 0.3416, 0.3450 by changing the saturation by 10% instead.


 60.5417, 0.3416,
0.3450

 60.5417, 0.3416,
0.3450


426.5916, 0.3277,
0.3375

 43.8554, 0.3449,
0.3467


 105.6151, 0.3367,
0.3424

 30.5569, 0.3491,
0.3489

134.7709, 0.3348,
0.3414

 20.2616, 0.3545,
0.3517


168.8521, 0.3332,
0.3405

 12.5854, 0.3617,
0.3553

208.2430, 0.3318,
0.3397

 7.1437, 0.3720,
0.3603

253.3280, 0.3306,
0.3391

 3.5521, 0.3876,
0.3674

304.4915, 0.3295,

 1.4263, 0.4154,

0.3385

362.1179, 0.3286,
0.3380

0.3798

0.2360, 0.6080,
0.3920

0.0000, 0.0000,
0.0000

60.5417, 0.3416,
0.3450

60.5417, 0.3416,
0.3450

53.5369, 0.3630,
0.3553

68.2818, 0.3233,
0.3351

47.2372, 0.3877,
0.3657

76.7703, 0.3076,
0.3259

41.6217, 0.4158,
0.3757

86.0303, 0.2943,
0.3174

36.6656, 0.4469,
0.3843

94.4239, 0.2934,
0.3289

■ 32.3426, 0.4800,
0.3905

■ 28.6238, 0.5133,
0.3929

■ 25.4779, 0.5441,
0.3904

■ 22.8690, 0.5698,
0.3827

■ 22.0847, 0.5777,
0.3795

Harmonies

Analogous

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



60.5417, 0.3396, 0.3331



60.5417, 0.3416, 0.3450



60.5417, 0.3357, 0.3530

Triad

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



60.5417, 0.3416, 0.3450



60.5417, 0.2954, 0.3375



60.5417, 0.3014, 0.3046

Complementary

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



60.5417, 0.3416, 0.3450



61.3665, 0.2870, 0.3124

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.



60.5417, 0.2900, 0.3052



60.5417, 0.3416, 0.3450



60.5417, 0.2866, 0.3239

Square

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



60.5417, 0.3416, 0.3450



60.5417, 0.3089, 0.3490



60.5417, 0.2846, 0.3122



60.5417, 0.3161, 0.3102

Rectangle

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



60.5417, 0.3416, 0.3450



60.5417, 0.3282, 0.3549



60.5417, 0.2846, 0.3122



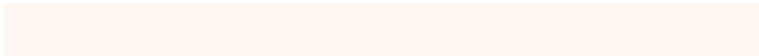
60.5417, 0.2971, 0.3041

Sweetspot

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



60.5444, 0.3416, 0.3450



94.2535, 0.3207, 0.3337



55.4390, 0.3251, 0.3027



20.0057, 0.3219, 0.3344



0.0000, 0.0000, 0.0000



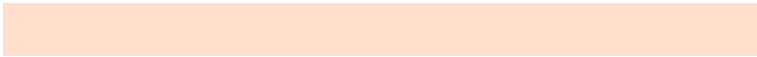
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5444, 0.3416, 0.3450



78.5561, 0.3489, 0.3487



69.3984, 0.3384, 0.3648



14.5464, 0.3283, 0.3379



13.1900, 0.5750, 0.3816



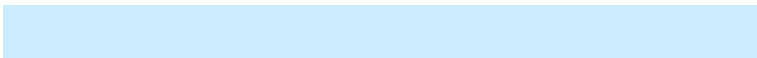
1.0830, 0.5462, 0.4045

Inverse Universe

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



61.3665, 0.2870, 0.3124



79.8749, 0.2814, 0.3085



53.0115, 0.2860, 0.2905



14.6552, 0.2981, 0.3199



14.1470, 0.1890, 0.2005



1.1514, 0.1951, 0.2225

Previews

White Background



This preview shows how the Yxy color 60.5417, 0.3416, 0.3450 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 60.5417, 0.3416, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

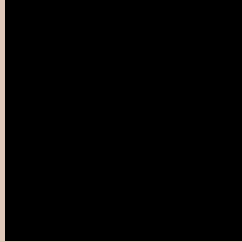
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5417, 0.3416, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 60.5417, 0.3416, 0.3450.



This preview shows how white text looks on a background with the Yxy color 60.5417, 0.3416, 0.3450.

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

60.5417, 0.3416, 0.3450

Protanopia

60.8136, 0.3306, 0.3477

Deuteranopia

60.5093, 0.3480, 0.3403



Tritanopia

60.4021, 0.3247, 0.3113

Trichromacy



Original Color

60.5417, 0.3416, 0.3450

Protanomaly

60.8987, 0.3347, 0.3476

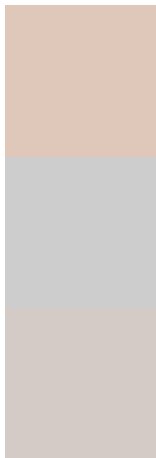
Deuteranomaly

60.4700, 0.3454, 0.3415

Tritanomaly

60.2519, 0.3306, 0.3223

Monochromacy



Original Color

60.5417, 0.3416, 0.3450

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7861, 0.3233, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5417, 0.3416, 0.3450 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(223, 200, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 200, 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(223, 200, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 200, 186) }
```

Border

The CSS property to change the border of an element to Yxy 60.5417, 0.3416, 0.3450 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(223, 200, 186) }
```

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

```
.border{ border-color:rgb(223, 200, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 200, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 200, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 200, 186); box-shadow:4px 4px 4px 4px rgb(223, 200, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5417, 0.3416, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 200, 186) }
```

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

```
.background{ background-color: rgb(223,  
200, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor