

Converting Colors

Yxy(60.3608, 0.3433, 0.3569)

Have a look what the booklet for
Yxy(60.3608, 0.3433, 0.3569)
contains.

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Color

Yxy(60.3608, 0.3433, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	DACAB2
RGB	218, 202, 178
RGB Percent	85%, 79%, 70%
CMY	0.1452, 0.2078, 0.3020
CMYK	0.00, 0.07, 0.18, 0.15
HSL	36°, 35%, 78%
HSV	36°, 18%, 85%
XYZ	58.0607, 60.3608, 50.7037
YIQ	204.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

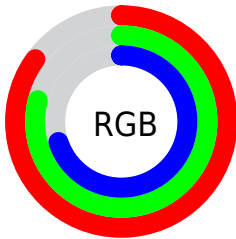
Format	Color
RYB	205, 218, 178
Decimal	14338738
CIELab	82.03, 1.69, 14.00
CIELCh	82, 14.104, 83.134
Yxy	60.3608, 0.3433, 0.3569
Android (android.graphics.Color)	4292528818 (0xFFDACAB2)
YUV	204.0480, -12.8417, 12.2359
Hunter-Lab	77.6922, -2.5653, 15.6905

Details

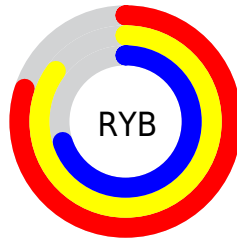
The Yxy color **60.3608, 0.3433, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0784, 0.2837, 0.2994**, and the grayscale version is **60.4884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **30.4470, 0.3517, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **55.5901, 0.3627, 0.3729**, and if you desaturate by 10%, it is **65.5059, 0.3258, 0.3414**.

Distribution



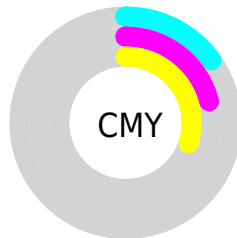
- Red (85%)
- Green (79%)
- Blue (70%)



- Red (80%)
- Yellow (85%)
- Blue (70%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3608, 0.3433, 0.3569 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 60.3608, 0.3433, 0.3569 by changing the saturation by 10% instead.


 60.3608, 0.3433,
0.3569

 60.3608, 0.3433,
0.3569


425.9264, 0.3286,
0.3436

 43.7095, 0.3468,
0.3600


 105.3529, 0.3381,
0.3522

 30.4422, 0.3511,
0.3639


134.4625, 0.3361,
0.3504

 20.1745, 0.3567,
0.3689


168.4936, 0.3344,
0.3489

 12.5219, 0.3643,
0.3756

207.8307, 0.3330,
0.3475

 7.1002, 0.3748,
0.3848

252.8581, 0.3317,
0.3464

 3.5248, 0.3905,
0.3984

303.9603, 0.3305,

 1.4115, 0.4262,

0.3454

0.4301

361.5216, 0.3295,
0.3444

0.2252, 0.5312,
0.4688

0.0000, 0.0000,
0.0000

60.3608, 0.3433,
0.3569

60.3608, 0.3433,
0.3569

55.5901, 0.3627,
0.3729

65.5059, 0.3258,
0.3414

51.1754, 0.3838,
0.3889

71.0272, 0.3103,
0.3266

47.1084, 0.4063,
0.4041

76.9365, 0.2964,
0.3128

43.3776, 0.4297,
0.4175

82.5701, 0.2899,
0.3102

■ 39.9702, 0.4529,
0.4280

■ 87.7217, 0.2902,
0.3192

■ 36.8724, 0.4748,
0.4344

■ 93.1207, 0.2905,
0.3281

■ 34.0682, 0.4941,
0.4358

■ 93.6399, 0.2906,
0.3289

■ 31.5363, 0.5101,
0.4320

■ 31.1379, 0.5126,
0.4312

Harmonies

Analogous

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



60.3608, 0.3486, 0.3456



60.3608, 0.3433, 0.3569



60.3608, 0.3297, 0.3609

Triad

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



60.3608, 0.3433, 0.3569



60.3608, 0.2824, 0.3263



60.3608, 0.3127, 0.3040

Complementary

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



60.3608, 0.3433, 0.3569



53.0784, 0.2837, 0.2994

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.



60.3608, 0.2952, 0.2987



60.3608, 0.3433, 0.3569



60.3608, 0.2781, 0.3109

Square

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



60.3608, 0.3433, 0.3569



60.3608, 0.2946, 0.3430



60.3608, 0.2827, 0.3011



60.3608, 0.3307, 0.3155

Rectangle

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



60.3608, 0.3433, 0.3569



60.3608, 0.3180, 0.3586



60.3608, 0.2827, 0.3011



60.3608, 0.3066, 0.3015

Sweetspot

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



60.3635, 0.3433, 0.3569



95.2211, 0.3221, 0.3379



50.6305, 0.3345, 0.3104



20.2725, 0.3232, 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.



60.3635, 0.3433, 0.3569



83.4430, 0.3505, 0.3630



67.6291, 0.3371, 0.3749



14.3469, 0.3277, 0.3430



18.8774, 0.5109, 0.4326



1.3898, 0.4920, 0.4475

Inverse Universe

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



53.0784, 0.2837, 0.2994



71.2081, 0.2772, 0.2924



46.8401, 0.2857, 0.2796



13.4653, 0.2981, 0.3146



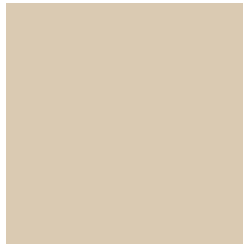
7.3095, 0.1686, 0.1268



0.6392, 0.1776, 0.1593

Previews

White Background



This preview shows how the Yxy color 60.3608, 0.3433, 0.3569 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 60.3608, 0.3433, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

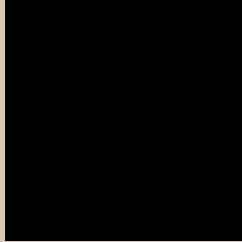
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

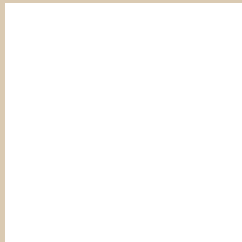
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3608, 0.3433, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 60.3608, 0.3433, 0.3569.

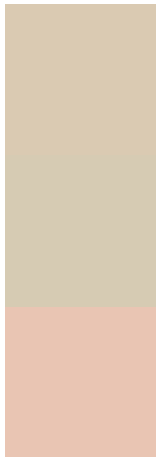


This preview shows how white text looks on a background with the Yxy color 60.3608, 0.3433, 0.3569.

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

60.3608, 0.3433, 0.3569

Protanopia

60.2627, 0.3391, 0.3571

Deuteranopia

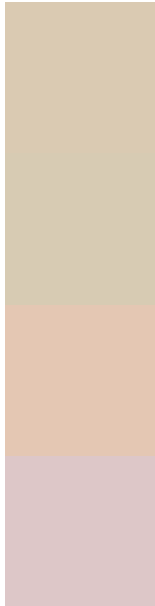
60.5108, 0.3561, 0.3492



Tritanopia

60.2156, 0.3214, 0.3123

Trichromacy



Original Color

60.3608, 0.3433, 0.3569

Protanomaly

60.4136, 0.3399, 0.3570

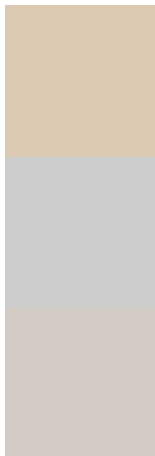
Deuteranomaly

60.5955, 0.3514, 0.3517

Tritanomaly

60.3891, 0.3294, 0.3279

Monochromacy



Original Color

60.3608, 0.3433, 0.3569

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2073, 0.3232, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3608, 0.3433, 0.3569 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(218, 202, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 202, 178)  
}
```

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(218, 202, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 202, 178) }
```

Border

The CSS property to change the border of an element to Yxy 60.3608, 0.3433, 0.3569 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(218, 202, 178) }
```

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

```
.border{ border-color:rgb(218, 202, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 202, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 202, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 202, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 202,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3608, 0.3433, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 202, 178) }
```

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

```
.background{ background-color: rgb(218,  
202, 178) }
```

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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