

Converting Colors

$Yxy(60.2982, 0.3593, 0.3868)$

Have a look what the booklet for
Yxy(60.2982, 0.3593, 0.3868)
contains.

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Color

Yxy(60.3040, 0.3595, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	D9CC9B
RGB	217, 204, 155
RGB Percent	85%, 80%, 61%
CMY	0.1491, 0.2000, 0.3922
CMYK	0.00, 0.06, 0.29, 0.15
HSL	47°, 45%, 73%
HSV	47°, 29%, 85%
XYZ	56.1203, 60.3040, 39.6823
YIQ	202.3010, 23.4770, -12.4830

Conversions

Conversions Part 2

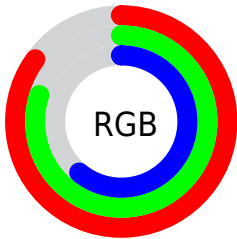
Format	Color
R _{YB}	171, 217, 155
Decimal	14273691
CIE Lab	82.00, -2.96, 26.11
CIE LCh	82, 26.279, 96.469
Yxy	60.3040, 0.3595, 0.3863
Android (android.graphics.Color)	4292463771 (0xFFD9CC9B)
YUV	202.3010, -23.3194, 12.8910
Hunter-Lab	77.6557, -6.8986, 24.0616

Details

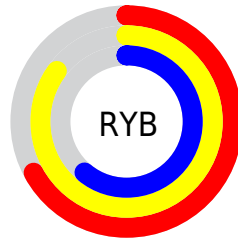
The Yxy color **60.3040, 0.3595, 0.3863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9648, 0.2647, 0.2643**, and the grayscale version is **59.3975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **30.3690, 0.3709, 0.4015** is the 20% darker color. If you saturate the color by 10%, you get **57.5146, 0.3774, 0.4065**, and if you desaturate by 10%, it is **63.2929, 0.3422, 0.3658**.

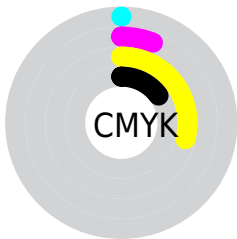
Distribution



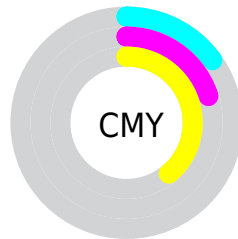
- Red (85%)
- Green (80%)
- Blue (61%)



- Red (67%)
- Yellow (85%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (15%)




- Cyan (15%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3040, 0.3595, 0.3863 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 60.3040, 0.3595, 0.3863 by changing the saturation by 10% instead.


 60.3040, 0.3595,
0.3863


 60.3040, 0.3595,
0.3863


425.7174, 0.3374,
0.3589

 43.6637, 0.3646,
0.3927


 105.2705, 0.3518,
0.3766

 30.4062, 0.3709,
0.4007


 134.3656, 0.3488,
0.3729

 20.1471, 0.3789,
0.4110


168.3810, 0.3462,
0.3697

 12.5020, 0.3892,
0.4244

207.7011, 0.3440,
0.3670

 7.0866, 0.4029,
0.4426

252.7105, 0.3420,
0.3646

 3.5163, 0.4215,
0.4684

303.7934, 0.3403,

 1.4068, 0.4687,

0.3625

0.5313

361.3342, 0.3388,
0.3606

0.2218, 0.3844,
0.6156

0.0000, 0.0000,
0.0000

60.3040, 0.3595,
0.3863

60.3040, 0.3595,
0.3863

57.5146, 0.3774,
0.4065

63.2929, 0.3422,
0.3658

54.9088, 0.3953,
0.4255

66.4799, 0.3258,
0.3457

52.4812, 0.4126,
0.4424

69.8746, 0.3106,
0.3263

50.2227, 0.4285,
0.4561

73.4829, 0.2967,
0.3081

■ 48.1231, 0.4422,
0.4657

■ 76.7531, 0.2889,
0.2994

■ 46.1705, 0.4532,
0.4706

■ 79.2661, 0.2891,
0.3043

■ 44.3468, 0.4613,
0.4711

■ 81.8450, 0.2893,
0.3091

■ 44.0943, 0.4624,
0.4711

■ 84.4904, 0.2894,
0.3138

■ 87.2027, 0.2896,
0.3186

Harmonies

Analogous

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



60.3040, 0.3776, 0.3691



60.3040, 0.3595, 0.3863



60.3040, 0.3293, 0.3879

Triad

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



60.3040, 0.3595, 0.3863



60.3040, 0.2519, 0.3092



60.3040, 0.3276, 0.2918

Complementary

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



60.3040, 0.3595, 0.3863



39.9648, 0.2647, 0.2643

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.



60.3040, 0.2936, 0.2770



60.3040, 0.3595, 0.3863



60.3040, 0.2514, 0.2853

Square

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



60.3040, 0.3595, 0.3863



60.3040, 0.2677, 0.3411



60.3040, 0.2662, 0.2743



60.3040, 0.3589, 0.3154

Rectangle

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



60.3040, 0.3595, 0.3863



60.3040, 0.3067, 0.3785



60.3040, 0.2662, 0.2743



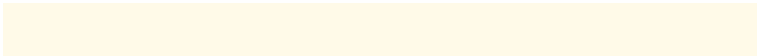
60.3040, 0.3160, 0.2857

Sweetspot

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



60.3067, 0.3595, 0.3863



95.5828, 0.3266, 0.3467



41.0283, 0.3617, 0.3129



20.3108, 0.3290, 0.3496



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.



60.3067, 0.3595, 0.3863



84.5831, 0.3697, 0.3980



64.1850, 0.3419, 0.4034



14.7771, 0.3272, 0.3474



26.8528, 0.4616, 0.4716



1.8582, 0.4534, 0.4782

Inverse Universe

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



39.9648, 0.2647, 0.2643



50.8832, 0.2539, 0.2488



37.2777, 0.2771, 0.2497



13.0565, 0.2981, 0.3099



4.3120, 0.1561, 0.0819



0.4050, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 60.3040, 0.3595, 0.3863 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 60.3040, 0.3595, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

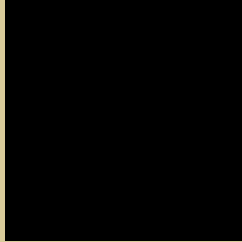
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

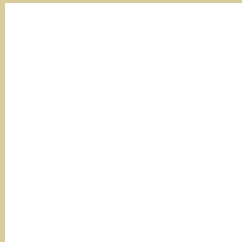
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3040, 0.3595, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 60.3040, 0.3595, 0.3863.



This preview shows how white text looks on a background with the Yxy color 60.3040, 0.3595, 0.3863.

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

60.3040, 0.3595, 0.3863

Protanopia

60.4577, 0.3603, 0.3861

Deuteranopia

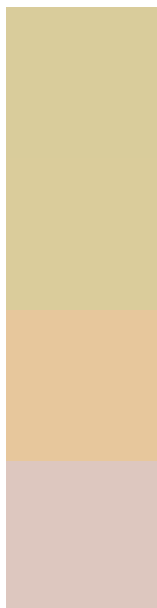
60.2649, 0.3792, 0.3721



Tritanopia

60.0806, 0.3231, 0.3112

Trichromacy



Original Color

60.3040, 0.3595, 0.3863

Protanomaly

60.4577, 0.3603, 0.3861

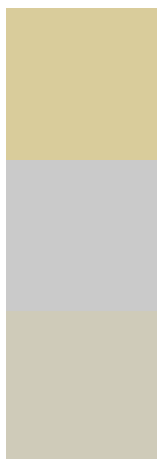
Deuteranomaly

60.2361, 0.3721, 0.3775

Tritanomaly

59.9806, 0.3363, 0.3382

Monochromacy



Original Color

60.3040, 0.3595, 0.3863

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.4801, 0.3290, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3040, 0.3595, 0.3863 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(217, 204, 155)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 155)  
}
```

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(217, 204, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 155) }
```

Border

The CSS property to change the border of an element to Yxy 60.3040, 0.3595, 0.3863 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(217, 204, 155) }
```

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

```
.border{ border-color:rgb(217, 204, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 155);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3040, 0.3595, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 155) }
```

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

```
.background{ background-color: rgb(217,  
204, 155) }
```

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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