

Converting Colors

Yxy(52.4820, 0.3652, 0.3671)

Have a look what the booklet for
Yxy(52.4820, 0.3652, 0.3671)
contains.

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Color

Yxy(52.6589, 0.3648, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	D9BB9B
RGB	217, 187, 155
RGB Percent	85%, 73%, 61%
CMY	0.1490, 0.2666, 0.3922
CMYK	0.00, 0.14, 0.29, 0.15
HSL	31°, 45%, 73%
HSV	31°, 29%, 85%
XYZ	52.3005, 52.6589, 38.4082
YIQ	192.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

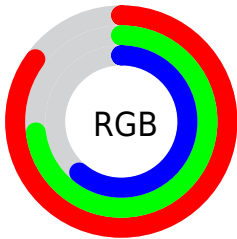
Format	Color
R _Y B	213, 217, 155
Decimal	14269339
CIE Lab	77.67, 5.96, 20.19
CIE LCh	78, 21.053, 73.552
Yxy	52.6589, 0.3648, 0.3673
Android (android.graphics.Color)	4292459419 (0xFFD9BB9B)
YUV	192.3220, -18.3997, 21.6426
Hunter-Lab	72.5665, 1.6582, 19.4153

Details

The Yxy color **52.6589, 0.3648, 0.3673** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.6626, 0.2671, 0.2873**, and the grayscale version is **53.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0143, 0.3413, 0.3618**, and **25.6267, 0.3781, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **47.7052, 0.3875, 0.3812**, and if you desaturate by 10%, it is **58.0738, 0.3444, 0.3534**.

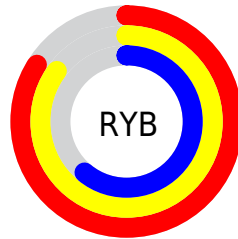
Distribution



Red (85%)

Green (73%)

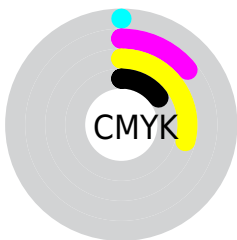
Blue (61%)



Red (84%)

Yellow (85%)

Blue (61%)

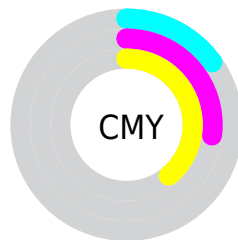


Cyan (0%)

Magenta (14%)

Yellow (29%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6589, 0.3648, 0.3673 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 52.6589, 0.3648, 0.3673 by changing the saturation by 10% instead.


 52.6589, 0.3648,
0.3673


 52.6589, 0.3648,
0.3673


396.9751, 0.3392,
0.3490

 37.5305, 0.3710,
0.3716


 94.1023, 0.3556,
0.3608

 25.6185, 0.3789,
0.3770


 121.1860, 0.3522,
0.3583

 16.5385, 0.3891,
0.3838

153.0238, 0.3492,
0.3562

 9.9060, 0.4029,
0.3927

189.9998, 0.3466,
0.3544

 5.3367, 0.4225,
0.4048

232.4985, 0.3444,
0.3528

 2.4461, 0.4532,
0.4226

280.9044, 0.3425,

 0.8495, 0.5300,

0.3513

0.4700

335.6018, 0.3408,
0.3501

0.0000, 0.0000,
0.0000

52.6589, 0.3648,
0.3673

52.6589, 0.3648,
0.3673

47.7052, 0.3875,
0.3812

58.0738, 0.3444,
0.3534

43.1916, 0.4123,
0.3944

63.9559, 0.3264,
0.3400

39.1057, 0.4387,
0.4059

70.3202, 0.3106,
0.3272

35.4316, 0.4656,
0.4146

77.1787, 0.2968,
0.3154

32.1518, 0.4916,
0.4191

83.9846, 0.2894,
0.3129

■ 29.2471, 0.5150,
0.4184

■ 90.3252, 0.2898,
0.3238

■ 26.6916, 0.5347,
0.4125

■ 93.4918, 0.2900,
0.3289

■ 26.3533, 0.5374,
0.4115

Harmonies

Analogous

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



52.6589, 0.3684, 0.3468



52.6589, 0.3648, 0.3673



52.6589, 0.3468, 0.3786

Triad

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



52.6589, 0.3648, 0.3673



52.6589, 0.2706, 0.3328



52.6589, 0.3033, 0.2870

Complementary

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



52.6589, 0.3648, 0.3673



46.6626, 0.2671, 0.2873

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.



52.6589, 0.2782, 0.2822



52.6589, 0.3648, 0.3673



52.6589, 0.2600, 0.3071

Square

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



52.6589, 0.3648, 0.3673



52.6589, 0.2923, 0.3587



52.6589, 0.2628, 0.2891



52.6589, 0.3320, 0.3017

Rectangle

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



52.6589, 0.3648, 0.3673



52.6589, 0.3296, 0.3785



52.6589, 0.2628, 0.2891



52.6589, 0.2942, 0.2842

Sweetspot

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



52.6613, 0.3648, 0.3673



91.7311, 0.3273, 0.3406



41.7323, 0.3444, 0.2922



19.3597, 0.3298, 0.3426



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.



52.6613, 0.3648, 0.3673



71.7232, 0.3775, 0.3753



66.7435, 0.3557, 0.4000



14.1581, 0.3279, 0.3411



16.1656, 0.5352, 0.4132



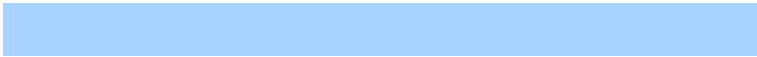
1.2196, 0.5113, 0.4322

Inverse Universe

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



46.6626, 0.2671, 0.2873



61.7835, 0.2576, 0.2775



35.4121, 0.2628, 0.2465



13.6513, 0.2982, 0.3166



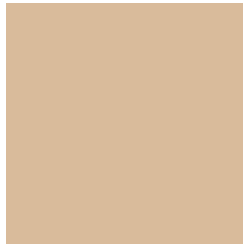
9.3509, 0.1759, 0.1531



0.7778, 0.1843, 0.1833

Previews

White Background



This preview shows how the Yxy color 52.6589, 0.3648, 0.3673 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 52.6589, 0.3648, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

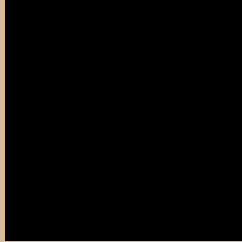
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6589, 0.3648, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 52.6589, 0.3648, 0.3673.



This preview shows how white text looks on a background with the Yxy color 52.6589, 0.3648, 0.3673.

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

52.6589, 0.3648, 0.3673

Protanopia

52.8301, 0.3493, 0.3724

Deuteranopia

52.7525, 0.3708, 0.3643



Tritanopia

52.5175, 0.3367, 0.3130

Trichromacy



Original Color

52.6589, 0.3648, 0.3673

Protanomaly

52.6371, 0.3551, 0.3706

Deuteranomaly

52.8565, 0.3687, 0.3657

Tritanomaly

52.3779, 0.3473, 0.3326

Monochromacy



Original Color

52.6589, 0.3648, 0.3673

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4991, 0.3304, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6589, 0.3648, 0.3673 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, 187, 155)` looks like.

```
.text, #text, p{  
    color:rgb(217, 187, 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, 187, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 187, 155) }
```

Border

The CSS property to change the border of an element to Yxy 52.6589, 0.3648, 0.3673 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, 187, 155) }
```

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

```
.border{ border-color:rgb(217, 187, 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, 187, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 187, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 187, 155);  
box-shadow:4px 4px 4px 4px rgb(217, 187,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6589, 0.3648, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 187, 155) }
```

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

```
.background{ background-color: rgb(217,  
187, 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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