

Converting Colors

$Yxy(52.0583, 0.3595, 0.3565)$

Have a look what the booklet for
Yxy(52.0583, 0.3595, 0.3565)
contains.

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Color

Yxy(52.0583, 0.3595, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	D9B9A2
RGB	217, 185, 162
RGB Percent	85%, 73%, 64%
CMY	0.1489, 0.2746, 0.3646
CMYK	0.00, 0.15, 0.25, 0.15
HSL	25°, 42%, 74%
HSV	25°, 25%, 85%
XYZ	52.4964, 52.0583, 41.4714
YIQ	191.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

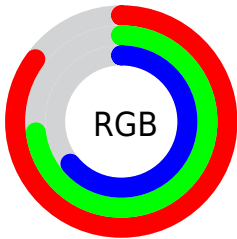
Format	Color
R_{YB}	217, 202, 162
Decimal	14268834
CIE _{Lab}	77.32, 8.01, 15.91
CIE _{LCh}	77, 17.818, 63.274
Yxy	52.0583, 0.3595, 0.3565
Android (android.graphics.Color)	4292458914 (0xFFD9B9A2)
YUV	191.9460, -14.7634, 21.9724
Hunter-Lab	72.1514, 3.6091, 16.4271

Details

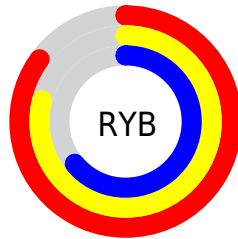
The Yxy color **52.0583, 0.3595, 0.3565** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **51.3109, 0.2731, 0.2998**, and the grayscale version is **52.7595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1803, 0.3371, 0.3528**, and **25.2054, 0.3722, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **46.2975, 0.3831, 0.3679**, and if you desaturate by 10%, it is **58.4275, 0.3389, 0.3452**.

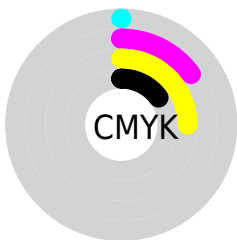
Distribution



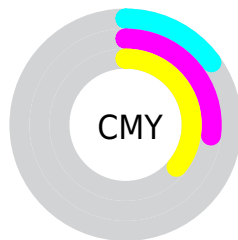
- Red (85%)
- Green (73%)
- Blue (64%)



- Red (85%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (15%)




- Cyan (15%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0583, 0.3595, 0.3565 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 52.0583, 0.3595, 0.3565 by changing the saturation by 10% instead.


 52.0583, 0.3595,
0.3565

 52.0583, 0.3595,
0.3565


394.6616, 0.3364,
0.3434

 37.0515, 0.3652,
0.3596


 93.2172, 0.3512,
0.3519

 25.2474, 0.3723,
0.3634


 120.1382, 0.3480,
0.3501

 16.2615, 0.3818,
0.3683


151.7993, 0.3454,
0.3486

 9.7094, 0.3947,
0.3747

188.5850, 0.3431,
0.3473

 5.2067, 0.4133,
0.3833

230.8797, 0.3411,
0.3461

 2.3690, 0.4421,
0.3953

279.0678, 0.3393,

 0.8099, 0.5454,

0.3451

0.4546

333.5336, 0.3378,
0.3442

0.0000, 0.0000,
0.0000

52.0583, 0.3595,
0.3565

52.0583, 0.3595,
0.3565

46.2975, 0.3831,
0.3679

58.4275, 0.3389,
0.3452

41.1190, 0.4097,
0.3790

65.4162, 0.3212,
0.3345

36.5049, 0.4391,
0.3888

73.0439, 0.3059,
0.3244

32.4339, 0.4702,
0.3963

81.3271, 0.2928,
0.3151

28.8827, 0.5016,
0.4001

89.2403, 0.2898,
0.3220

■ 25.8258, 0.5310,
0.3990

■ 93.4983, 0.2900,
0.3289

■ 23.2346, 0.5561,
0.3926

■ 22.1734, 0.5665,
0.3884

Harmonies

Analogous

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



52.0583, 0.3579, 0.3376



52.0583, 0.3595, 0.3565



52.0583, 0.3481, 0.3691

Triad

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



52.0583, 0.3595, 0.3565



52.0583, 0.2823, 0.3402



52.0583, 0.2968, 0.2906

Complementary

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



52.0583, 0.3595, 0.3565



51.3109, 0.2731, 0.2998

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.



52.0583, 0.2777, 0.2899



52.0583, 0.3595, 0.3565



52.0583, 0.2696, 0.3176

Square

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



52.0583, 0.3595, 0.3565



52.0583, 0.3033, 0.3602



52.0583, 0.2679, 0.2994



52.0583, 0.3209, 0.3005

Rectangle

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



52.0583, 0.3595, 0.3565



52.0583, 0.3350, 0.3717



52.0583, 0.2679, 0.2994



52.0583, 0.2896, 0.2892

Sweetspot

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



52.0607, 0.3595, 0.3565



91.4058, 0.3257, 0.3373



44.5055, 0.3357, 0.2913



19.2330, 0.3284, 0.3390



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.



52.0607, 0.3595, 0.3565



70.8031, 0.3707, 0.3621



64.6836, 0.3520, 0.3872



13.9402, 0.3281, 0.3388



13.6149, 0.5639, 0.3904



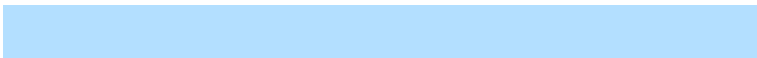
1.0497, 0.5349, 0.4135

Inverse Universe

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



51.3109, 0.2731, 0.2998



69.5540, 0.2653, 0.2932



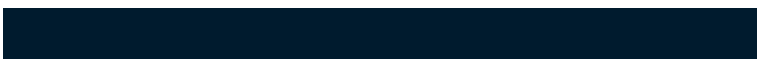
40.1875, 0.2698, 0.2633



13.8711, 0.2982, 0.3190



12.3424, 0.1852, 0.1869



0.9684, 0.1923, 0.2123

Previews

White Background



This preview shows how the Yxy color 52.0583, 0.3595, 0.3565 looks on a white background.

Color Contrast Check

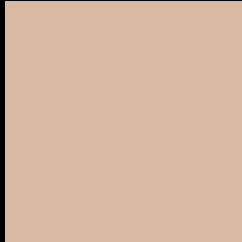
Large Text (above 18pt) WCAG AA × Fail

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 52.0583, 0.3595, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

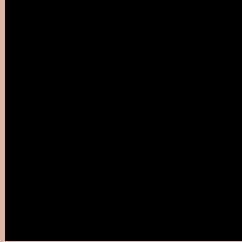
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0583, 0.3595, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 52.0583, 0.3595, 0.3565.



This preview shows how white text looks on a background with the Yxy color 52.0583, 0.3595, 0.3565.

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

52.0583, 0.3595, 0.3565

Protanopia

52.3957, 0.3414, 0.3613

Deuteranopia

52.1053, 0.3624, 0.3551



Tritanopia

51.9097, 0.3368, 0.3129

Trichromacy



Original Color

52.0583, 0.3595, 0.3565

Protanomaly

52.3409, 0.3479, 0.3597

Deuteranomaly

51.9497, 0.3615, 0.3552

Tritanomaly

52.0489, 0.3458, 0.3291

Monochromacy



Original Color

52.0583, 0.3595, 0.3565

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1489, 0.3290, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0583, 0.3595, 0.3565 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, 185, 162)` looks like.

```
.text, #text, p{  
    color:rgb(217, 185, 162)  
}
```

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, 185, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 185, 162) }
```

Border

The CSS property to change the border of an element to Yxy 52.0583, 0.3595, 0.3565 is called "border". The border property can be set on classes, ids or directly on the HTML element.

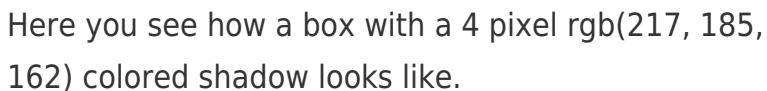
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 185, 162) }
```

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

```
.border{ border-color:rgb(217, 185, 162) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 185, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 185, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 185, 162); box-shadow:4px 4px 4px 4px rgb(217, 185, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0583, 0.3595, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 185, 162) }
```

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

```
.background{ background-color: rgb(217,  
185, 162) }
```

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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