

Converting Colors

$Yxy(53.8302, 0.3542, 0.3652)$

Have a look what the booklet for
Yxy(53.8302, 0.3542, 0.3652)
contains.

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Color

Yxy(53.8319, 0.3542, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	D4BFA1
RGB	212, 191, 161
RGB Percent	83%, 75%, 63%
CMY	0.1687, 0.2509, 0.3686
CMYK	0.00, 0.10, 0.24, 0.17
HSL	35°, 37%, 73%
HSV	35°, 24%, 83%
XYZ	52.2105, 53.8319, 41.3615
YIQ	193.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

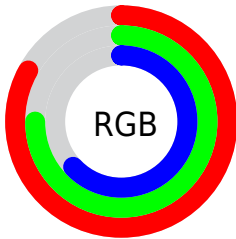
Format	Color
RYB	197, 212, 161
Decimal	13942689
CIELab	78.36, 2.75, 17.85
CIELCh	78, 18.060, 81.241
Yxy	53.8319, 0.3542, 0.3652
Android (android.graphics.Color)	4292132769 (0xFFD4BFA1)
YUV	193.8590, -16.1995, 15.9097
Hunter-Lab	73.3702, -1.3768, 17.9352

Details

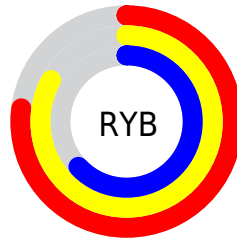
The Yxy color **53.8319, 0.3542, 0.3652** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7753, 0.2742, 0.2899**, and the grayscale version is **53.9489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7394, 0.3369, 0.3596**, and **26.4492, 0.3657, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **49.4580, 0.3747, 0.3809**, and if you desaturate by 10%, it is **58.5639, 0.3356, 0.3497**.

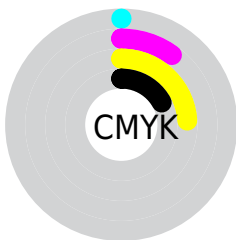
Distribution



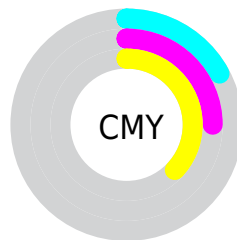
- Red (83%)
- Green (75%)
- Blue (63%)



- Red (77%)
- Yellow (83%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8319, 0.3542, 0.3652 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 53.8319, 0.3542, 0.3652 by changing the saturation by 10% instead.

 53.8319, 0.3542,
0.3652

 53.8319, 0.3542,
0.3652


401.4687, 0.3339,
0.3477

 38.4673, 0.3591,
0.3694


 95.8274, 0.3470,
0.3590

 26.3456, 0.3653,
0.3746


 123.2270, 0.3442,
0.3566

 17.0823, 0.3733,
0.3813


155.4072, 0.3419,
0.3546

 10.2932, 0.3842,
0.3903

192.7522, 0.3398,
0.3528

 5.5938, 0.3996,
0.4028

235.6464, 0.3381,
0.3513

 2.5997, 0.4228,
0.4209

284.4743, 0.3365,

 0.9265, 0.5067,

0.3500

0.4933

339.6203, 0.3352,
0.3488

0.0000, 0.0000,
0.0000

53.8319, 0.3542,
0.3652

53.8319, 0.3542,
0.3652

49.4580, 0.3747,
0.3809

58.5639, 0.3356,
0.3497

45.4246, 0.3970,
0.3963

63.6563, 0.3189,
0.3348

41.7231, 0.4204,
0.4103

69.1210, 0.3041,
0.3208

38.3417, 0.4443,
0.4220

74.9667, 0.2911,
0.3077

35.2677, 0.4674,
0.4301

80.4049, 0.2861,
0.3076

■ 32.4867, 0.4886,
0.4335

■ 85.5093, 0.2866,
0.3168

■ 29.9821, 0.5066,
0.4315

■ 90.8617, 0.2870,
0.3259

■ 28.6070, 0.5160,
0.4285

■ 92.7333, 0.2871,
0.3289

Harmonies

Analogous

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



53.8319, 0.3606, 0.3494



53.8319, 0.3542, 0.3652



53.8319, 0.3366, 0.3718

Triad

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



53.8319, 0.3542, 0.3652



53.8319, 0.2734, 0.3265



53.8319, 0.3110, 0.2955

Complementary

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



53.8319, 0.3542, 0.3652



45.7753, 0.2742, 0.2899

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.



53.8319, 0.2882, 0.2890



53.8319, 0.3542, 0.3652



53.8319, 0.2671, 0.3058

Square

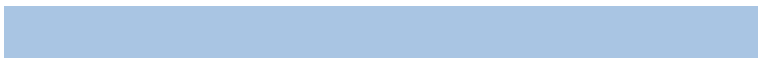
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8319, 0.3542, 0.3652



53.8319, 0.2899, 0.3490



53.8319, 0.2724, 0.2925



53.8319, 0.3351, 0.3100

Rectangle

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



53.8319, 0.3542, 0.3652



53.8319, 0.3211, 0.3693



53.8319, 0.2724, 0.2925



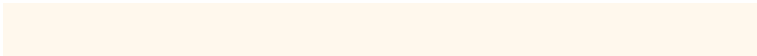
53.8319, 0.3029, 0.2923

Sweetspot

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



53.8343, 0.3542, 0.3652



94.3080, 0.3238, 0.3392



42.8746, 0.3421, 0.3033



20.0836, 0.3248, 0.3401



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.



53.8343, 0.3542, 0.3652



78.2240, 0.3648, 0.3735



63.0185, 0.3454, 0.3893



13.6236, 0.3276, 0.3427



17.8668, 0.5143, 0.4299



1.2389, 0.4935, 0.4463

Inverse Universe

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



45.7753, 0.2742, 0.2899



63.8703, 0.2653, 0.2800



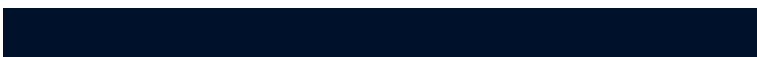
38.2730, 0.2753, 0.2621



12.8393, 0.2982, 0.3149



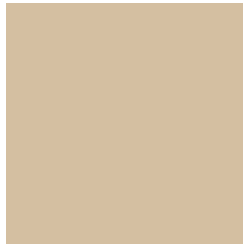
7.3489, 0.1696, 0.1306



0.6041, 0.1792, 0.1650

Previews

White Background



This preview shows how the Yxy color 53.8319, 0.3542, 0.3652 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 53.8319, 0.3542, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

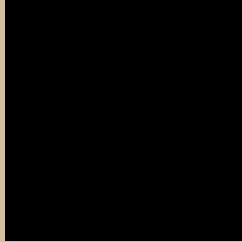
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8319, 0.3542, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 53.8319, 0.3542, 0.3652.



This preview shows how white text looks on a background with the Yxy color 53.8319, 0.3542, 0.3652.

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

53.8319, 0.3542, 0.3652

Protanopia

53.7277, 0.3468, 0.3671

Deuteranopia

53.5737, 0.3654, 0.3571



Tritanopia

54.0397, 0.3277, 0.3129

Trichromacy



Original Color

53.8319, 0.3542, 0.3652

Protanomaly

53.7178, 0.3497, 0.3656

Deuteranomaly

53.7907, 0.3613, 0.3597

Tritanomaly

53.9587, 0.3370, 0.3314

Monochromacy



Original Color

53.8319, 0.3542, 0.3652

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9348, 0.3277, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8319, 0.3542, 0.3652 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(212, 191, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 161)  
}
```

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(212, 191, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.8319, 0.3542, 0.3652 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(212, 191, 161) }
```

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

```
.border{ border-color:rgb(212, 191, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8319, 0.3542, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 161) }
```

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

```
.background{ background-color: rgb(212,  
191, 161) }
```

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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