

Converting Colors

Yxy(53.0341, 0.3489, 0.3556)

Have a look what the booklet for
Yxy(53.0341, 0.3489, 0.3556)
contains.

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Color

Yxy(53.0341, 0.3489, 0.3556)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D3BDA7 |
| RGB | 211, 189, 167 |
| RGB Percent | 83%, 74%, 65% |
| CMY | 0.1726, 0.2588, 0.3450 |
| CMYK | 0.00, 0.10, 0.21, 0.17 |
| HSL | 30°, 33%, 74% |
| HSV | 30°, 21%, 83% |
| XYZ | 52.0349, 53.0341, 44.0708 |
| YIQ | 193.0700, 20.1740, -2.1780 |

Conversions

Conversions Part 2

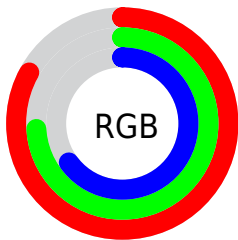
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 211, 211, 167 |
| Decimal | 13876647 |
| CIE Lab | 77.90, 4.31, 13.95 |
| CIE LCh | 78, 14.596, 72.826 |
| Yxy | 53.0341, 0.3489, 0.3556 |
| Android (android.graphics.Color) | 4292066727 (0xFFD3BDA7) |
| YUV | 193.0700, -12.8525, 15.7246 |
| Hunter-Lab | 72.8245, 0.0996, 15.0970 |

Details

The Yxy color **53.0341, 0.3489, 0.3556** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3204, 0.2800, 0.3009**, and the grayscale version is **53.4412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8387, 0.3334, 0.3517**, and **25.9140, 0.3587, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **47.9437, 0.3700, 0.3691**, and if you desaturate by 10%, it is **58.5867, 0.3303, 0.3425**.

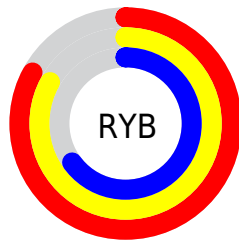
Distribution



Red (83%)

Green (74%)

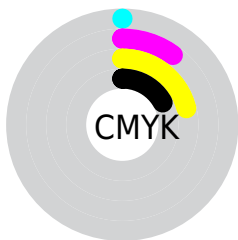
Blue (65%)



Red (83%)

Yellow (83%)

Blue (65%)

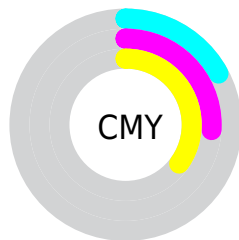


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (17%)



Cyan (17%)


Magenta (26%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0341, 0.3489, 0.3556 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 53.0341, 0.3489, 0.3556 by changing the saturation by 10% instead.

 53.0341, 0.3489,
0.3556


 53.0341, 0.3489,
0.3556


398.4159, 0.3311,
0.3428

 37.8300, 0.3532,
0.3587


 94.6545, 0.3425,
0.3510

 25.8508, 0.3587,
0.3625


 121.8397, 0.3401,
0.3493

 16.7120, 0.3659,
0.3675


153.7873, 0.3380,
0.3478

 10.0294, 0.3758,
0.3741

190.8817, 0.3363,
0.3465

 5.4184, 0.3899,
0.3834

233.5074, 0.3347,
0.3454

 2.4948, 0.4119,
0.3972

282.0487, 0.3334,

 0.8740, 0.5181,

0.3444

0.4819

336.8901, 0.3322,
0.3435

0.0000, 0.0000,
0.0000

53.0341, 0.3489,
0.3556

53.0341, 0.3489,
0.3556

47.9437, 0.3700,
0.3691

58.5867, 0.3303,
0.3425

43.2953, 0.3935,
0.3825

64.6068, 0.3140,
0.3300

39.0772, 0.4191,
0.3950

71.1088, 0.2997,
0.3184

35.2748, 0.4463,
0.4056

78.1041, 0.2874,
0.3076

31.8721, 0.4739,
0.4131

84.4230, 0.2859,
0.3152

■ 28.8517, 0.5002,
0.4162

■ 90.8761, 0.2864,
0.3262

■ 26.1941, 0.5237,
0.4140

■ 92.5859, 0.2866,
0.3289

■ 24.0497, 0.5420,
0.4078

Harmonies

Analogous

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



53.0341, 0.3510, 0.3415



53.0341, 0.3489, 0.3556



53.0341, 0.3369, 0.3631

Triad

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



53.0341, 0.3489, 0.3556



53.0341, 0.2837, 0.3323



53.0341, 0.3059, 0.2993

Complementary

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



53.0341, 0.3489, 0.3556



49.3204, 0.2800, 0.3009

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.



53.0341, 0.2884, 0.2963



53.0341, 0.3489, 0.3556



53.0341, 0.2759, 0.3146

Square

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



53.0341, 0.3489, 0.3556



53.0341, 0.2992, 0.3497



53.0341, 0.2776, 0.3016



53.0341, 0.3257, 0.3096

Rectangle

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



53.0341, 0.3489, 0.3556



53.0341, 0.3251, 0.3629



53.0341, 0.2776, 0.3016



53.0341, 0.2995, 0.2974

Sweetspot

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



53.0365, 0.3489, 0.3556



94.2694, 0.3222, 0.3364



45.1716, 0.3341, 0.3026



20.0475, 0.3233, 0.3373



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.



53.0365, 0.3489, 0.3556



77.8753, 0.3580, 0.3616



63.2157, 0.3439, 0.3806



12.7709, 0.3278, 0.3406



14.7221, 0.5397, 0.4097



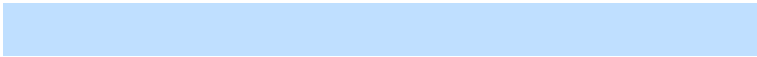
0.9819, 0.5118, 0.4318

Inverse Universe

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



49.3204, 0.2800, 0.3009



71.1705, 0.2727, 0.2940



40.5729, 0.2780, 0.2717



12.3803, 0.2982, 0.3171



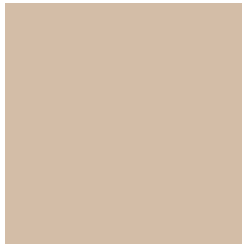
9.2019, 0.1775, 0.1589



0.6732, 0.1867, 0.1922

Previews

White Background



This preview shows how the Yxy color 53.0341, 0.3489, 0.3556 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 53.0341, 0.3489, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

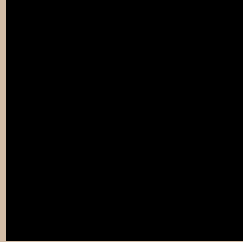
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0341, 0.3489, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 53.0341, 0.3489, 0.3556.



This preview shows how white text looks on a background with the Yxy color 53.0341, 0.3489, 0.3556.

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

53.0341, 0.3489, 0.3556

Protanopia

53.1204, 0.3389, 0.3574

Deuteranopia

53.1606, 0.3568, 0.3503



Tritanopia

52.8516, 0.3270, 0.3116

Trichromacy



Original Color

53.0341, 0.3489, 0.3556

Protanomaly

53.0679, 0.3425, 0.3572

Deuteranomaly

53.1195, 0.3539, 0.3517

Tritanomaly

53.0018, 0.3357, 0.3279

Monochromacy



Original Color

53.0341, 0.3489, 0.3556

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4393, 0.3254, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0341, 0.3489, 0.3556 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(211, 189, 167)` looks like.

```
.text, #text, p{  
    color:rgb(211, 189, 167)  
}
```

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(211, 189, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 189, 167) }
```

Border

The CSS property to change the border of an element to Yxy 53.0341, 0.3489, 0.3556 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(211, 189, 167) }
```

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

```
.border{ border-color:rgb(211, 189, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 189, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 189, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 189, 167);  
box-shadow:4px 4px 4px 4px rgb(211, 189,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0341, 0.3489, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 189, 167) }
```

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

```
.background{ background-color: rgb(211,  
189, 167) }
```

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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