

Converting Colors

Yxy(53.3561, 0.3512, 0.3605)

Have a look what the booklet for
Yxy(53.3561, 0.3512, 0.3605)
contains.

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Color

Yxy(53.3561, 0.3512, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	D3BEA4
RGB	211, 190, 164
RGB Percent	83%, 75%, 64%
CMY	0.1725, 0.2549, 0.3569
CMYK	0.00, 0.10, 0.22, 0.17
HSL	33°, 35%, 74%
HSV	33°, 22%, 83%
XYZ	51.9796, 53.3561, 42.6701
YIQ	193.3150, 20.8620, -3.6340

Conversions

Conversions Part 2

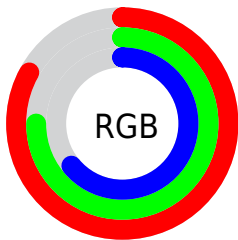
Format	Color
RYB	202, 211, 164
Decimal	13876900
CIELab	78.08, 3.35, 15.86
CIELCh	78, 16.206, 78.079
Yxy	53.3561, 0.3512, 0.3605
Android (android.graphics.Color)	4292066980 (0xFFD3BEA4)
YUV	193.3150, -14.4523, 15.5097
Hunter-Lab	73.0453, -0.8070, 16.4969

Details

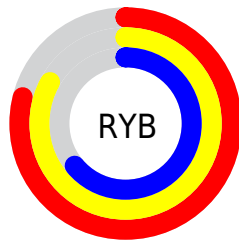
The Yxy color **53.3561, 0.3512, 0.3605** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.2883, 0.2774, 0.2953**, and the grayscale version is **53.6022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2860, 0.3352, 0.3556**, and **26.1291, 0.3616, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **48.7059, 0.3719, 0.3754**, and if you desaturate by 10%, it is **58.4017, 0.3327, 0.3460**.

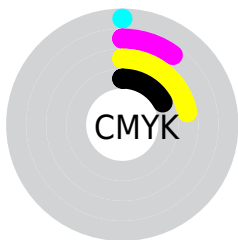
Distribution



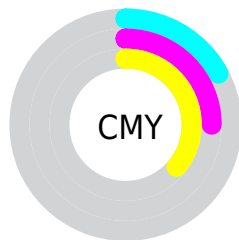
- Red (83%)
- Green (75%)
- Blue (64%)



- Red (79%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3561, 0.3512, 0.3605 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 53.3561, 0.3512, 0.3605 by changing the saturation by 10% instead.


 53.3561, 0.3512,
0.3605

 53.3561, 0.3512,
0.3605


399.6498, 0.3323,
0.3453

 38.0871, 0.3558,
0.3641


 95.1282, 0.3444,
0.3551

 26.0503, 0.3616,
0.3687


 122.4000, 0.3419,
0.3530

 16.8613, 0.3691,
0.3746


154.4416, 0.3397,
0.3513

 10.1356, 0.3794,
0.3825

191.6374, 0.3378,
0.3497

 5.4890, 0.3941,
0.3935

234.3717, 0.3362,
0.3484

 2.5369, 0.4166,
0.4097

283.0290, 0.3348,

 0.8951, 0.5111,

0.3472

0.4889

337.9935, 0.3335,
0.3462

0.0000, 0.0000,
0.0000

53.3561, 0.3512,
0.3605

53.3561, 0.3512,
0.3605

48.7059, 0.3719,
0.3754

58.4017, 0.3327,
0.3460

44.4327, 0.3946,
0.3900

63.8462, 0.3162,
0.3321

40.5272, 0.4189,
0.4035

69.7021, 0.3017,
0.3190

36.9765, 0.4441,
0.4149

75.9791, 0.2890,
0.3070

33.7669, 0.4691,
0.4230

81.7180, 0.2857,
0.3103

■ 30.8834, 0.4925,
0.4266

■ 87.3252, 0.2862,
0.3202

■ 28.3085, 0.5128,
0.4248

■ 92.5911, 0.2866,
0.3289

■ 26.5150, 0.5263,
0.4203

Harmonies

Analogous

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



53.3561, 0.3557, 0.3457



53.3561, 0.3512, 0.3605



53.3561, 0.3363, 0.3673

Triad

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



53.3561, 0.3512, 0.3605



53.3561, 0.2784, 0.3290



53.3561, 0.3089, 0.2977

Complementary

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



53.3561, 0.3512, 0.3605



47.2883, 0.2774, 0.2953

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.



53.3561, 0.2887, 0.2928



53.3561, 0.3512, 0.3605



53.3561, 0.2716, 0.3099

Square

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



53.3561, 0.3512, 0.3605



53.3561, 0.2942, 0.3489



53.3561, 0.2753, 0.2970



53.3561, 0.3308, 0.3102

Rectangle

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



53.3561, 0.3512, 0.3605



53.3561, 0.3226, 0.3658



53.3561, 0.2753, 0.2970



53.3561, 0.3017, 0.2951

Sweetspot

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



53.3585, 0.3512, 0.3605



93.9205, 0.3238, 0.3386



43.9031, 0.3380, 0.3034



19.9938, 0.3248, 0.3395



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.



53.3585, 0.3512, 0.3605



78.2533, 0.3613, 0.3679



62.7817, 0.3442, 0.3846



12.8772, 0.3277, 0.3419



16.2067, 0.5243, 0.4219



1.0633, 0.4999, 0.4413

Inverse Universe

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



47.2883, 0.2774, 0.2953



67.2559, 0.2690, 0.2866



39.3898, 0.2772, 0.2674



12.2747, 0.2982, 0.3158



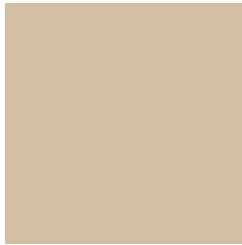
7.8956, 0.1727, 0.1417



0.5987, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 53.3561, 0.3512, 0.3605 looks on a white background.

Color Contrast Check

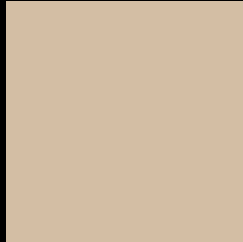
Large Text (above 18pt) WCAG AA × Fail

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 53.3561, 0.3512, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

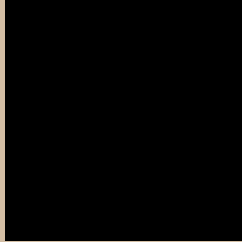
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3561, 0.3512, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 53.3561, 0.3512, 0.3605.



This preview shows how white text looks on a background with the Yxy color 53.3561, 0.3512, 0.3605.

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

53.3561, 0.3512, 0.3605

Protanopia

53.5531, 0.3427, 0.3635

Deuteranopia

53.3640, 0.3611, 0.3537



Tritanopia

53.2685, 0.3269, 0.3127

Trichromacy



Original Color

53.3561, 0.3512, 0.3605

Protanomaly

53.5377, 0.3455, 0.3621

Deuteranomaly

53.1627, 0.3573, 0.3552

Tritanomaly

53.3820, 0.3363, 0.3303

Monochromacy



Original Color

53.3561, 0.3512, 0.3605

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3560, 0.3270, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3561, 0.3512, 0.3605 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, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 164)  
}
```

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, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.3561, 0.3512, 0.3605 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, 190, 164) }
```

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

```
.border{ border-color:rgb(211, 190, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 190, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3561, 0.3512, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 190, 164) }
```

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

```
.background{ background-color: rgb(211,  
190, 164) }
```

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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