

Converting Colors

Yxy(53.3743, 0.3532, 0.3640)

Have a look what the booklet for
Yxy(53.3743, 0.3532, 0.3640)
contains.

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Color

Yxy(53.2490, 0.3536, 0.3641)

Conversions

Conversions Part 1

Format	Color
Hex	D3BEA1
RGB	211, 190, 161
RGB Percent	83%, 75%, 63%
CMY	0.1725, 0.2549, 0.3685
CMYK	0.00, 0.10, 0.24, 0.17
HSL	35°, 36%, 73%
HSV	35°, 24%, 83%
XYZ	51.7134, 53.2490, 41.2859
YIQ	192.9730, 21.8250, -4.5670

Conversions

Conversions Part 2

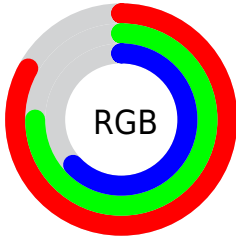
Format	Color
RYB	197, 211, 161
Decimal	13876897
CIELab	78.02, 2.92, 17.35
CIELCh	78, 17.592, 80.446
Yxy	53.2490, 0.3536, 0.3641
Android (android.graphics.Color)	4292066977 (0xFFD3BEA1)
YUV	192.9730, -15.7627, 15.8097
Hunter-Lab	72.9719, -1.2023, 17.5354

Details

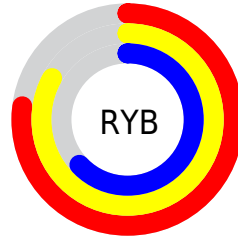
The Yxy color **53.2490, 0.3536, 0.3641** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.7547, 0.2749, 0.2912**, and the grayscale version is **53.3992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1294, 0.3371, 0.3586**, and **26.0634, 0.3650, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **48.8428, 0.3742, 0.3796**, and if you desaturate by 10%, it is **58.0194, 0.3350, 0.3488**.

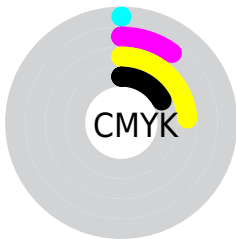
Distribution



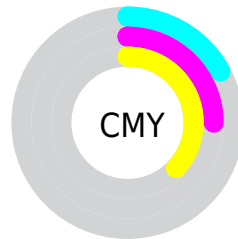
- Red (83%)
- Green (75%)
- Blue (63%)



- 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 53.2490, 0.3536, 0.3641 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 53.2490, 0.3536, 0.3641 by changing the saturation by 10% instead.


 53.2490, 0.3536,
0.3641

 53.2490, 0.3536,
0.3641


399.2397, 0.3336,
0.3471

 38.0016, 0.3584,
0.3682


 94.9707, 0.3464,
0.3581

 25.9839, 0.3646,
0.3732


 122.2137, 0.3437,
0.3558

 16.8116, 0.3726,
0.3798


154.2241, 0.3414,
0.3538

 10.1003, 0.3834,
0.3886

191.3862, 0.3394,
0.3521

 5.4655, 0.3988,
0.4008

234.0844, 0.3377,
0.3506

 2.5229, 0.4221,
0.4186

282.7031, 0.3361,

 0.8881, 0.5082,

0.3493

0.4918

337.6268, 0.3348,
0.3482

0.0000, 0.0000,
0.0000

53.2490, 0.3536,
0.3641

53.2490, 0.3536,
0.3641

48.8428, 0.3742,
0.3796

58.0194, 0.3350,
0.3488

44.7832, 0.3966,
0.3948

63.1567, 0.3184,
0.3342

41.0616, 0.4202,
0.4087

68.6727, 0.3036,
0.3204

37.6659, 0.4445,
0.4203

74.5763, 0.2906,
0.3076

34.5833, 0.4681,
0.4283

80.1109, 0.2855,
0.3073

■ 31.7994, 0.4898,
0.4317

■ 85.2975, 0.2860,
0.3167

■ 29.2975, 0.5083,
0.4298

■ 90.7407, 0.2864,
0.3259

■ 27.8470, 0.5186,
0.4264

■ 92.5894, 0.2866,
0.3289

Harmonies

Analogous

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



53.2490, 0.3595, 0.3485



53.2490, 0.3536, 0.3641



53.2490, 0.3366, 0.3708

Triad

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



53.2490, 0.3536, 0.3641



53.2490, 0.2745, 0.3272



53.2490, 0.3104, 0.2959

Complementary

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



53.2490, 0.3536, 0.3641



45.7547, 0.2749, 0.2912

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.



53.2490, 0.2882, 0.2898



53.2490, 0.3536, 0.3641



53.2490, 0.2681, 0.3068

Square

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



53.2490, 0.3536, 0.3641



53.2490, 0.2910, 0.3491



53.2490, 0.2730, 0.2935



53.2490, 0.3340, 0.3099

Rectangle

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



53.2490, 0.3536, 0.3641



53.2490, 0.3216, 0.3686



53.2490, 0.2730, 0.2935



53.2490, 0.3025, 0.2929

Sweetspot

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



53.2514, 0.3536, 0.3641



94.2095, 0.3238, 0.3391



42.7570, 0.3408, 0.3027



20.0608, 0.3248, 0.3400



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.



53.2514, 0.3536, 0.3641



78.5494, 0.3629, 0.3713



62.5271, 0.3456, 0.3882



12.9302, 0.3276, 0.3425



17.0118, 0.5167, 0.4279



1.1063, 0.4941, 0.4459

Inverse Universe

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



45.7547, 0.2749, 0.2912



65.2566, 0.2671, 0.2826



38.1366, 0.2753, 0.2632



12.2226, 0.2982, 0.3152



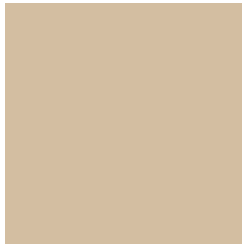
7.3113, 0.1704, 0.1335



0.5642, 0.1805, 0.1699

Previews

White Background



This preview shows how the Yxy color 53.2490, 0.3536, 0.3641 looks on a white background.

Color Contrast Check

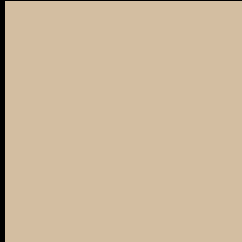
Large Text (above 18pt) WCAG AA × Fail

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 53.2490, 0.3536, 0.3641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

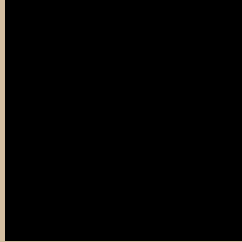
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2490, 0.3536, 0.3641

Background



This preview shows how black text looks on a background with the Yxy color 53.2490, 0.3536, 0.3641.



This preview shows how white text looks on a background with the Yxy color 53.2490, 0.3536, 0.3641.

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

53.2490, 0.3536, 0.3641

Protanopia

53.4451, 0.3451, 0.3673

Deuteranopia

53.4144, 0.3645, 0.3572



Tritanopia

53.4204, 0.3277, 0.3128

Trichromacy



Original Color

53.2490, 0.3536, 0.3641

Protanomaly

53.4297, 0.3479, 0.3658

Deuteranomaly

53.2094, 0.3607, 0.3587

Tritanomaly

53.3396, 0.3372, 0.3314

Monochromacy



Original Color

53.2490, 0.3536, 0.3641

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3148, 0.3277, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2490, 0.3536, 0.3641 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(211, 190, 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(211, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 190, 161) }
```

Border

The CSS property to change the border of an element to Yxy 53.2490, 0.3536, 0.3641 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, 161) }
```

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

```
.border{ border-color:rgb(211, 190, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(211, 190,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2490, 0.3536, 0.3641 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, 161) }
```

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

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