

Converting Colors

Yxy(53.8261, 0.3621, 0.3696)

Have a look what the booklet for
Yxy(53.8261, 0.3621, 0.3696)
contains.

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Color

Yxy(53.8261, 0.3621, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	D8BE9C
RGB	216, 190, 156
RGB Percent	85%, 75%, 61%
CMY	0.1530, 0.2549, 0.3881
CMYK	0.00, 0.12, 0.28, 0.15
HSL	34°, 43%, 73%
HSV	34°, 28%, 85%
XYZ	52.7338, 53.8261, 39.0734
YIQ	193.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

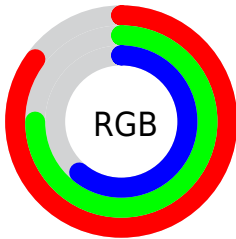
Format	Color
R _Y B	202, 216, 156
Decimal	14204572
CIE Lab	78.36, 4.13, 20.57
CIE LCh	78, 20.975, 78.649
Yxy	53.8261, 0.3621, 0.3696
Android (android.graphics.Color)	4292394652 (0xFFD8BE9C)
YUV	193.8980, -18.6837, 19.3835
Hunter-Lab	73.3663, -0.0896, 19.7797

Details

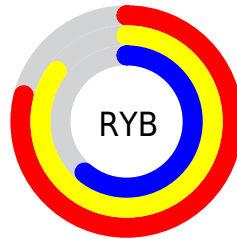
The Yxy color $53.8261, 0.3621, 0.3696$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.4912, 0.2681, 0.2846$, and the grayscale version is $53.9882, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.8747, 0.3402, 0.3636$, and $26.3848, 0.3742, 0.3798$ is the 20% darker color. If you saturate the color by 10%, you get $49.2345, 0.3837, 0.3848$, and if you desaturate by 10%, it is $58.8133, 0.3425, 0.3545$.

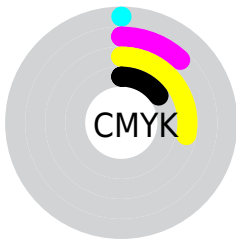
Distribution



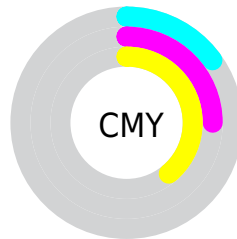
- Red (85%)
- Green (75%)
- Blue (61%)



- Red (79%)
- Yellow (85%)
- Blue (61%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8261, 0.3621, 0.3696 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 53.8261, 0.3621, 0.3696 by changing the saturation by 10% instead.


 53.8261, 0.3621,
0.3696


 53.8261, 0.3621,
0.3696


401.4465, 0.3380,
0.3501

 38.4626, 0.3679,
0.3742


 95.8189, 0.3535,
0.3627

 26.3420, 0.3752,
0.3799


 123.2170, 0.3502,
0.3601

 17.0796, 0.3848,
0.3873


155.3954, 0.3474,
0.3578

 10.2913, 0.3975,
0.3969

192.7386, 0.3450,
0.3559

 5.5925, 0.4155,
0.4100

235.6309, 0.3429,
0.3541

 2.5989, 0.4429,
0.4291

284.4567, 0.3411,

 0.9261, 0.5162,

0.3526

0.4838

339.6005, 0.3394,
0.3513

0.0000, 0.0000,
0.0000

53.8261, 0.3621,
0.3696

53.8261, 0.3621,
0.3696

49.2345, 0.3837,
0.3848

58.8133, 0.3425,
0.3545

45.0192, 0.4071,
0.3992

64.1997, 0.3249,
0.3398

41.1704, 0.4316,
0.4121

69.9985, 0.3094,
0.3260

37.6744, 0.4563,
0.4221

76.2196, 0.2957,
0.3130

34.5164, 0.4799,
0.4280

82.2778, 0.2887,
0.3101

■ 31.6799, 0.5011,
0.4289

■ 87.8352, 0.2891,
0.3199

■ 29.1437, 0.5188,
0.4246

■ 93.3384, 0.2894,
0.3289

■ 28.6115, 0.5226,
0.4233

Harmonies

Analogous

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



53.8261, 0.3683, 0.3505



53.8261, 0.3621, 0.3696



53.8261, 0.3424, 0.3787

Triad

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



53.8261, 0.3621, 0.3696



53.8261, 0.2684, 0.3282



53.8261, 0.3082, 0.2893

Complementary

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



53.8261, 0.3621, 0.3696



45.4912, 0.2681, 0.2846

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.



53.8261, 0.2822, 0.2827



53.8261, 0.3621, 0.3696



53.8261, 0.2601, 0.3037

Square

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



53.8261, 0.3621, 0.3696



53.8261, 0.2883, 0.3544



53.8261, 0.2650, 0.2875



53.8261, 0.3364, 0.3053

Rectangle

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



53.8261, 0.3621, 0.3696



53.8261, 0.3247, 0.3769



53.8261, 0.2650, 0.2875



53.8261, 0.2989, 0.2859

Sweetspot

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



53.8286, 0.3621, 0.3696



93.2431, 0.3255, 0.3403



41.8034, 0.3461, 0.2968



19.6953, 0.3280, 0.3425



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.



53.8286, 0.3621, 0.3696



74.6122, 0.3739, 0.3780



65.6568, 0.3521, 0.3986



13.5768, 0.3277, 0.3422



17.1541, 0.5206, 0.4249



1.1979, 0.4984, 0.4425

Inverse Universe

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



45.4912, 0.2681, 0.2846



60.6424, 0.2587, 0.2742



36.1168, 0.2669, 0.2498



12.8852, 0.2982, 0.3154



7.8384, 0.1715, 0.1373



0.6356, 0.1809, 0.1711

Previews

White Background



This preview shows how the Yxy color 53.8261, 0.3621, 0.3696 looks on a white background.

Color Contrast Check

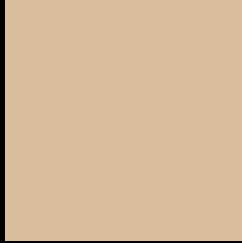
Large Text (above 18pt) WCAG AA × Fail

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 53.8261, 0.3621, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

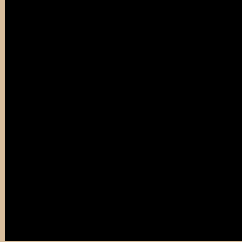
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8261, 0.3621, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 53.8261, 0.3621, 0.3696.



This preview shows how white text looks on a background with the Yxy color 53.8261, 0.3621, 0.3696.

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

53.8261, 0.3621, 0.3696

Protanopia

54.0313, 0.3498, 0.3732

Deuteranopia

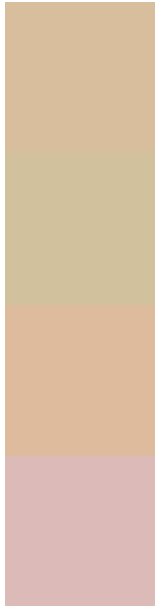
53.5597, 0.3705, 0.3628



Tritanopia

53.7303, 0.3329, 0.3130

Trichromacy



Original Color

53.8261, 0.3621, 0.3696

Protanomaly

54.1296, 0.3543, 0.3728

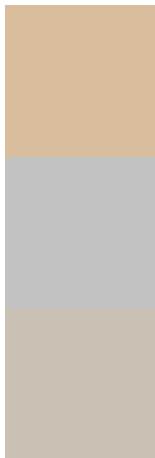
Deuteranomaly

53.5046, 0.3675, 0.3643

Tritanomaly

53.5968, 0.3433, 0.3326

Monochromacy



Original Color

53.8261, 0.3621, 0.3696

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9918, 0.3301, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8261, 0.3621, 0.3696 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(216, 190, 156)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 156)  
}
```

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(216, 190, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 156) }
```

Border

The CSS property to change the border of an element to Yxy 53.8261, 0.3621, 0.3696 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(216, 190, 156) }
```

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

```
.border{ border-color:rgb(216, 190, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 156);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8261, 0.3621, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 156) }
```

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

```
.background{ background-color: rgb(216,  
190, 156) }
```

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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