

Converting Colors

Yxy(51.2662, 0.3662, 0.3717)

Have a look what the booklet for
Yxy(51.2662, 0.3662, 0.3717)
contains.

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Color

Yxy(51.0461, 0.3661, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	D5B996
RGB	213, 185, 150
RGB Percent	84%, 73%, 59%
CMY	0.1645, 0.2746, 0.4118
CMYK	0.00, 0.13, 0.30, 0.16
HSL	33°, 43%, 71%
HSV	33°, 30%, 84%
XYZ	50.3041, 51.0461, 36.0552
YIQ	189.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

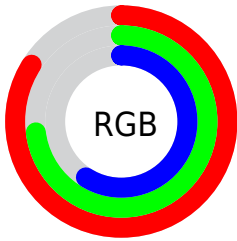
Format	Color
R _Y B	200, 213, 150
Decimal	14006678
CIE _{Lab}	76.71, 4.85, 21.47
CIE _{LCh}	77, 22.012, 77.285
Y _{xy}	51.0461, 0.3661, 0.3715
Android (android.graphics.Color)	4292196758 (0xFFD5B996)
YUV	189.3820, -19.4153, 20.7130
Hunter-Lab	71.4466, 0.6469, 20.0922

Details

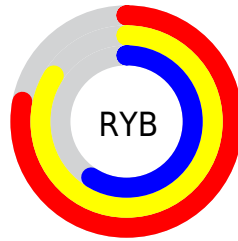
The Yxy color **51.0461, 0.3661, 0.3715** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.1533, 0.2651, 0.2823**, and the grayscale version is **51.2241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5302, 0.3455, 0.3659**, and **24.5715, 0.3799, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **46.5882, 0.3883, 0.3863**, and if you desaturate by 10%, it is **55.8980, 0.3460, 0.3566**.

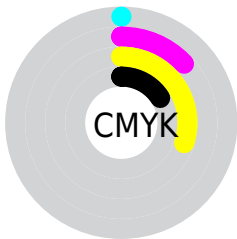
Distribution



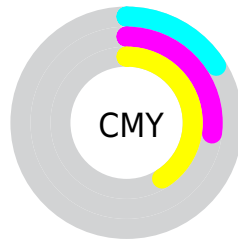
- Red (84%)
- Green (73%)
- Blue (59%)



- Red (78%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (30%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0461, 0.3661, 0.3715 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 51.0461, 0.3661, 0.3715 by changing the saturation by 10% instead.


 51.0461, 0.3661,
0.3715

 51.0461, 0.3661,
0.3715


390.7429, 0.3398,
0.3510

 36.2453, 0.3725,
0.3764


 91.7229, 0.3567,
0.3642

 24.6237, 0.3806,
0.3824


 118.3677, 0.3531,
0.3614

 15.7969, 0.3912,
0.3902


149.7293, 0.3500,
0.3591

 9.3806, 0.4054,
0.4004

186.1921, 0.3474,
0.3570

 4.9902, 0.4255,
0.4142

228.1404, 0.3451,
0.3552

 2.2415, 0.4612,
0.4385

275.9587, 0.3431,

 0.7425, 0.5260,

0.3536

0.4740

330.0314, 0.3414,
0.3522

0.0000, 0.0000,
0.0000

51.0461, 0.3661,
0.3715

51.0461, 0.3661,
0.3715

46.5882, 0.3883,
0.3863

55.8980, 0.3460,
0.3566

42.5054, 0.4122,
0.4003

61.1481, 0.3280,
0.3422

38.7873, 0.4372,
0.4124

66.8094, 0.3121,
0.3285

35.4203, 0.4623,
0.4216

72.8921, 0.2981,
0.3156

32.3893, 0.4862,
0.4264

79.3075, 0.2867,
0.3053

■ 29.6774, 0.5073,
0.4261

■ 84.8018, 0.2871,
0.3153

■ 27.2593, 0.5251,
0.4209

■ 90.5887, 0.2876,
0.3252

■ 27.1659, 0.5259,
0.4207

■ 92.8929, 0.2877,
0.3289

Harmonies

Analogous

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



51.0461, 0.3721, 0.3507



51.0461, 0.3661, 0.3715



51.0461, 0.3455, 0.3820

Triad

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



51.0461, 0.3661, 0.3715



51.0461, 0.2662, 0.3294



51.0461, 0.3064, 0.2862

Complementary

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



51.0461, 0.3661, 0.3715



43.1533, 0.2651, 0.2823

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.



51.0461, 0.2791, 0.2797



51.0461, 0.3661, 0.3715



51.0461, 0.2568, 0.3029

Square

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



51.0461, 0.3661, 0.3715



51.0461, 0.2878, 0.3574



51.0461, 0.2614, 0.2853



51.0461, 0.3367, 0.3028

Rectangle

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



51.0461, 0.3661, 0.3715



51.0461, 0.3268, 0.3806



51.0461, 0.2614, 0.2853



51.0461, 0.2966, 0.2828

Sweetspot

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



51.0484, 0.3661, 0.3715



92.2651, 0.3272, 0.3415



39.1949, 0.3490, 0.2946



19.4912, 0.3297, 0.3436



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.



51.0484, 0.3661, 0.3715



72.0798, 0.3809, 0.3816



63.4990, 0.3546, 0.4031



13.5523, 0.3277, 0.3419



16.7932, 0.5239, 0.4222



1.1769, 0.5010, 0.4404

Inverse Universe

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



43.1533, 0.2651, 0.2823



58.2379, 0.2537, 0.2696



33.4063, 0.2634, 0.2438



12.9093, 0.2982, 0.3157



8.1075, 0.1725, 0.1409



0.6527, 0.1818, 0.1744

Previews

White Background



This preview shows how the Yxy color 51.0461, 0.3661, 0.3715 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 51.0461, 0.3661, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

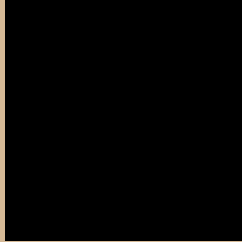
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0461, 0.3661, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 51.0461, 0.3661, 0.3715.



This preview shows how white text looks on a background with the Yxy color 51.0461, 0.3661, 0.3715.

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

51.0461, 0.3661, 0.3715

Protanopia

51.0797, 0.3524, 0.3754

Deuteranopia

51.0624, 0.3735, 0.3658



Tritanopia

50.9959, 0.3352, 0.3127

Trichromacy



Original Color

51.0461, 0.3661, 0.3715

Protanomaly

51.1799, 0.3571, 0.3749

Deuteranomaly

51.0068, 0.3704, 0.3673

Tritanomaly

50.8210, 0.3467, 0.3339

Monochromacy



Original Color

51.0461, 0.3661, 0.3715

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0674, 0.3314, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0461, 0.3661, 0.3715 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(213, 185, 150)` looks like.

```
.text, #text, p{  
    color:rgb(213, 185, 150)  
}
```

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(213, 185, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 185, 150) }
```

Border

The CSS property to change the border of an element to Yxy 51.0461, 0.3661, 0.3715 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(213, 185, 150) }
```

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

```
.border{ border-color:rgb(213, 185, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 185, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 185, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 185, 150);  
box-shadow:4px 4px 4px 4px rgb(213, 185,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0461, 0.3661, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 185, 150) }
```

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

```
.background{ background-color: rgb(213,  
185, 150) }
```

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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