

Converting Colors

$Yxy(61.6714, 0.3364, 0.3548)$

Have a look what the booklet for
Yxy(61.6714, 0.3364, 0.3548)
contains.

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Color

Yxy(61.5286, 0.3366, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	D7CDB7
RGB	215, 205, 183
RGB Percent	84%, 80%, 72%
CMY	0.1568, 0.1961, 0.2825
CMYK	0.00, 0.05, 0.15, 0.16
HSL	41°, 29%, 78%
HSV	41°, 15%, 84%
XYZ	58.4053, 61.5286, 53.5816
YIQ	205.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

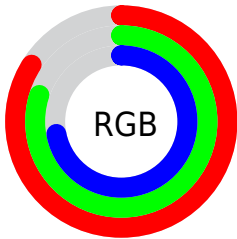
Format	Color
RYB	198, 215, 183
Decimal	14142903
CIELab	82.66, -0.18, 12.21
CIELCh	83, 12.209, 90.862
Yxy	61.5286, 0.3366, 0.3546
Android (android.graphics.Color)	4292332983 (0xFFD7CDB7)
YUV	205.4820, -11.0836, 8.3473
Hunter-Lab	78.4402, -4.3620, 14.4078

Details

The Yxy color **61.5286, 0.3366, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1089, 0.2892, 0.3020**, and the grayscale version is **61.4412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **31.2185, 0.3425, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **57.5553, 0.3545, 0.3726**, and if you desaturate by 10%, it is **65.7824, 0.3202, 0.3372**.

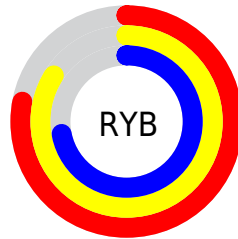
Distribution



Red (84%)

Green (80%)

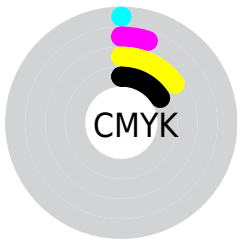
Blue (72%)



Red (78%)

Yellow (84%)

Blue (72%)

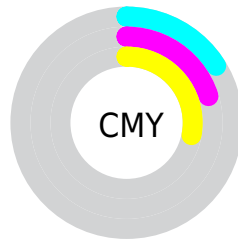


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (16%)



Cyan (16%)


Magenta (20%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5286, 0.3366, 0.3546 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 61.5286, 0.3366, 0.3546 by changing the saturation by 10% instead.


 61.5286, 0.3366,
0.3546

 61.5286, 0.3366,
0.3546

430.2095, 0.3252,
0.3424

 44.6519, 0.3393,
0.3575


 107.0439, 0.3326,
0.3503

 31.1833, 0.3426,
0.3611


136.4514, 0.3310,
0.3486

 20.7385, 0.3470,
0.3657


170.8045, 0.3297,
0.3472

 12.9330, 0.3527,
0.3719

210.4877, 0.3286,
0.3460

 7.3824, 0.3608,
0.3806

255.8854, 0.3276,
0.3449

 3.7024, 0.3728,
0.3936

307.3821, 0.3267,

 1.5085, 0.3955,

0.3440

0.4180

365.3619, 0.3259,
0.3431

0.2947, 0.4833,
0.5167

0.0000, 0.0000,
0.0000

61.5286, 0.3366,
0.3546

61.5286, 0.3366,
0.3546

57.5553, 0.3545,
0.3726

65.7824, 0.3202,
0.3372

53.8464, 0.3737,
0.3907

70.3160, 0.3053,
0.3207

50.3962, 0.3939,
0.4081

75.1392, 0.2920,
0.3053

47.1958, 0.4144,
0.4240

79.3253, 0.2879,
0.3049

■ 44.2352, 0.4345,
0.4373

■ 83.1812, 0.2882,
0.3120

■ 41.5036, 0.4532,
0.4469

■ 87.1835, 0.2885,
0.3190

■ 38.9886, 0.4695,
0.4518

■ 91.3337, 0.2887,
0.3259

■ 36.6756, 0.4827,
0.4517

■ 93.1906, 0.2889,
0.3289

■ 35.5630, 0.4886,
0.4503

Harmonies

Analogous

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



61.5286, 0.3432, 0.3463



61.5286, 0.3366, 0.3546



61.5286, 0.3237, 0.3560

Triad

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



61.5286, 0.3366, 0.3546



61.5286, 0.2849, 0.3231



61.5286, 0.3169, 0.3095

Complementary

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



61.5286, 0.3366, 0.3546



53.1089, 0.2892, 0.3020

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.



61.5286, 0.3013, 0.3034



61.5286, 0.3366, 0.3546



61.5286, 0.2832, 0.3108

Square

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



61.5286, 0.3366, 0.3546



61.5286, 0.2939, 0.3375



61.5286, 0.2891, 0.3038



61.5286, 0.3316, 0.3205

Rectangle

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



61.5286, 0.3366, 0.3546



61.5286, 0.3133, 0.3526



61.5286, 0.2891, 0.3038



61.5286, 0.3116, 0.3068

Sweetspot

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



61.5313, 0.3366, 0.3546



97.3422, 0.3188, 0.3357



52.1617, 0.3320, 0.3171



20.7299, 0.3200, 0.3370



0.0000, 0.0000, 0.0000



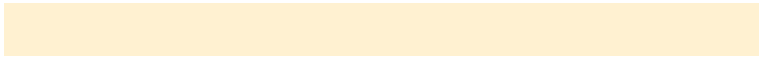
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.5313, 0.3366, 0.3546



88.5702, 0.3423, 0.3604



65.6072, 0.3304, 0.3663



13.8343, 0.3274, 0.3450



21.4629, 0.4873, 0.4513



1.4394, 0.4727, 0.4628

Inverse Universe

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



53.1089, 0.2892, 0.3020



73.8076, 0.2837, 0.2955



49.5624, 0.2934, 0.2899



12.6360, 0.2982, 0.3125



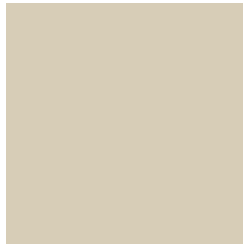
5.5197, 0.1622, 0.1037



0.4793, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 61.5286, 0.3366, 0.3546 looks on a white background.

Color Contrast Check

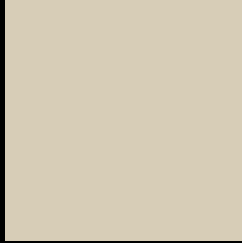
Large Text (above 18pt) WCAG AA × Fail

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 61.5286, 0.3366, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

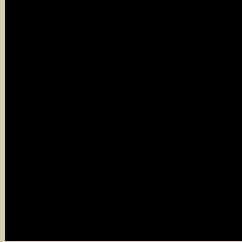
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

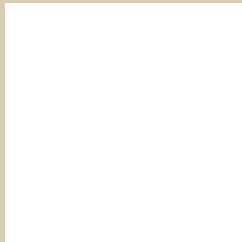
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5286, 0.3366, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 61.5286, 0.3366, 0.3546.

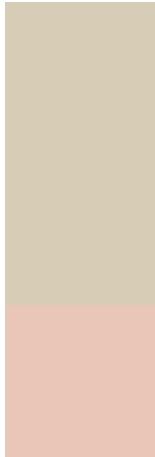


This preview shows how white text looks on a background with the Yxy color 61.5286, 0.3366, 0.3546.

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

61.5286, 0.3366, 0.3546

Protanopia

61.5286, 0.3366, 0.3546

Deuteranopia

61.1725, 0.3519, 0.3447



Tritanopia

61.3265, 0.3159, 0.3111

Trichromacy



Original Color

61.5286, 0.3366, 0.3546

Protanomaly

61.5286, 0.3366, 0.3546

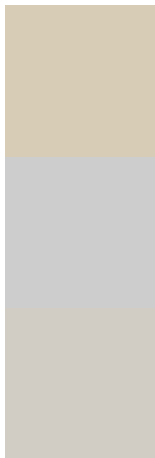
Deuteranomaly

61.4027, 0.3455, 0.3483

Tritanomaly

61.5061, 0.3237, 0.3268

Monochromacy



Original Color

61.5286, 0.3366, 0.3546

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2492, 0.3215, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5286, 0.3366, 0.3546 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(215, 205, 183)` looks like.

```
.text, #text, p{  
    color:rgb(215, 205, 183)  
}
```

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(215, 205, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 205, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.5286, 0.3366, 0.3546 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(215, 205, 183) }
```

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

```
.border{ border-color:rgb(215, 205, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 205, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 205, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 205, 183);  
box-shadow:4px 4px 4px 4px rgb(215, 205,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5286, 0.3366, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 205, 183) }
```

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

```
.background{ background-color: rgb(215,  
205, 183) }
```

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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