

Converting Colors

Yxy(66.6917, 0.3284, 0.3539)

Have a look what the booklet for
Yxy(66.6917, 0.3284, 0.3539)
contains.

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Color

Yxy(66.8982, 0.3279, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	D7D7C1
RGB	215, 215, 193
RGB Percent	84%, 84%, 76%
CMY	0.1568, 0.1568, 0.2433
CMYK	0.00, 0.00, 0.10, 0.16
HSL	60°, 22%, 80%
HSV	60°, 10%, 84%
XYZ	61.9484, 66.8982, 60.0780
YIQ	212.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

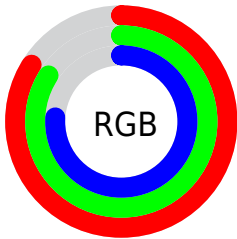
Format	Color
RYB	193, 215, 193
Decimal	14145473
CIELab	85.45, -3.78, 10.88
CIELCh	85, 11.518, 109.179
Yxy	66.8982, 0.3279, 0.3541
Android (android.graphics.Color)	4292335553 (0xFFD7D7C1)
YUV	212.4920, -9.6096, 2.1995
Hunter-Lab	81.7913, -7.9397, 13.7038

Details

The Yxy color **66.8982, 0.3279, 0.3541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3637, 0.2967, 0.3026**, and the grayscale version is **66.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **34.4793, 0.3318, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **66.0104, 0.3431, 0.3792**, and if you desaturate by 10%, it is **67.9313, 0.3131, 0.3296**.

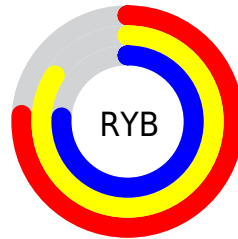
Distribution



Red (84%)

Green (84%)

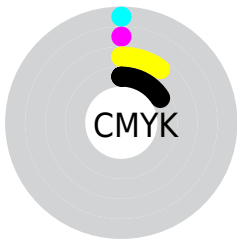
Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

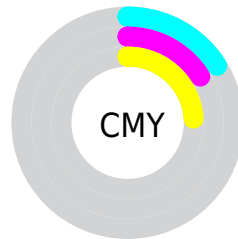


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.8982, 0.3279, 0.3541 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 66.8982, 0.3279, 0.3541 by changing the saturation by 10% instead.

■ 66.8982, 0.3279,
0.3541

■ 66.8982, 0.3279,
0.3541

449.5823, 0.3208,
0.3422

■ 49.0019, 0.3295,
0.3569

■ 114.7745, 0.3254,
0.3499

■ 34.6210, 0.3316,
0.3604

145.5234, 0.3245,
0.3483

■ 23.3711, 0.3341,
0.3648

181.3251, 0.3236,
0.3469

■ 14.8677, 0.3375,
0.3708

222.5643, 0.3229,
0.3457

■ 8.7266, 0.3422,
0.3791

269.6252, 0.3223,
0.3447

■ 4.5633, 0.3489,
0.3914

322.8922, 0.3217,

■ 1.9934, 0.3594,

0.3438

0.4116

382.7498, 0.3213,
0.3429

0.6036, 0.4437,
0.5563

0.0000, 0.0000,
0.0000

66.8982, 0.3279,
0.3541

66.8982, 0.3279,
0.3541

66.0104, 0.3431,
0.3792

67.9313, 0.3131,
0.3296

65.2533, 0.3582,
0.4041


69.1066, 0.2989,
0.3062

64.6232, 0.3726,
0.4281

70.2725, 0.2871,
0.2867

64.1132, 0.3859,
0.4500


70.2725, 0.2871,
0.2867

 63.7157, 0.3974,
0.4690

 70.2725, 0.2871,
0.2867

 63.4222, 0.4067,
0.4843


 70.2725, 0.2871,
0.2867


 63.2229, 0.4133,
0.4953

 70.2725, 0.2871,
0.2867

 63.1064, 0.4174,
0.5021

 70.2725, 0.2871,
0.2867

 63.0524, 0.4193,
0.5053

 70.2725, 0.2871,
0.2867

Harmonies

Analogous

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



66.8982, 0.3378, 0.3502



66.8982, 0.3279, 0.3541



66.8982, 0.3141, 0.3510

Triad

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



66.8982, 0.3279, 0.3541



66.8982, 0.2853, 0.3162



66.8982, 0.3252, 0.3169

Complementary

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



66.8982, 0.3279, 0.3541



54.3637, 0.2967, 0.3026

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.



66.8982, 0.3109, 0.3083



66.8982, 0.3279, 0.3541



66.8982, 0.2881, 0.3076

Square

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



66.8982, 0.3279, 0.3541



66.8982, 0.2897, 0.3287



66.8982, 0.2973, 0.3049



66.8982, 0.3363, 0.3286

Rectangle

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



66.8982, 0.3279, 0.3541



66.8982, 0.3045, 0.3453



66.8982, 0.2973, 0.3049



66.8982, 0.3206, 0.3135

Sweetspot

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



66.9011, 0.3279, 0.3541



99.5170, 0.3171, 0.3363



56.4211, 0.3307, 0.3291



21.2738, 0.3183, 0.3383



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.



66.9011, 0.3279, 0.3541



98.1835, 0.3307, 0.3588



65.2884, 0.3196, 0.3547



14.5200, 0.3266, 0.3520



37.7103, 0.4193, 0.5053



2.2745, 0.4193, 0.5053

Inverse Universe

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



54.3637, 0.2967, 0.3026



76.6579, 0.2936, 0.2974



55.8663, 0.3052, 0.3033



12.0087, 0.2981, 0.3049



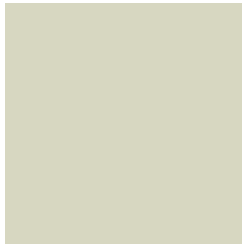
2.9346, 0.1500, 0.0600



0.1770, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 66.8982, 0.3279, 0.3541 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 66.8982, 0.3279, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

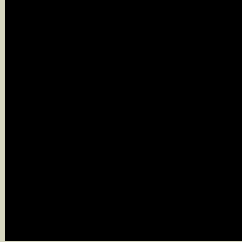
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

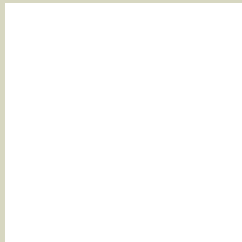
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.8982, 0.3279, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 66.8982, 0.3279, 0.3541.



This preview shows how white text looks on a background with the Yxy color 66.8982, 0.3279, 0.3541.

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

66.8982, 0.3279, 0.3541

Protanopia

66.9239, 0.3342, 0.3526

Deuteranopia

66.7835, 0.3481, 0.3409



Tritanopia

66.8549, 0.3084, 0.3104

Trichromacy



Original Color

66.8982, 0.3279, 0.3541

Protanomaly

66.9590, 0.3318, 0.3539

Deuteranomaly

66.6518, 0.3412, 0.3455

Tritanomaly

66.8987, 0.3151, 0.3257

Monochromacy



Original Color

66.8982, 0.3279, 0.3541

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.1424, 0.3182, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.8982, 0.3279, 0.3541 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, 215, 193)` looks like.

```
.text, #text, p{  
    color:rgb(215, 215, 193)  
}
```

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, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 215, 193) }
```

Border

The CSS property to change the border of an element to Yxy 66.8982, 0.3279, 0.3541 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, 215, 193) }
```

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

```
.border{ border-color:rgb(215, 215, 193) }
```

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

Here you see how a box with a 4 pixel rgb(215, 215, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 215,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 66.8982, 0.3279, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 215, 193) }
```

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

```
.background{ background-color: rgb(215,  
215, 193) }
```

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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