

Converting Colors

Yxy(66.3533, 0.3310, 0.3546)

Have a look what the booklet for
Yxy(66.3533, 0.3310, 0.3546)
contains.

Yxy(66.6064, 0.3309, 0.3551)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6064, 0.3309, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	D9D6BF
RGB	217, 214, 191
RGB Percent	85%, 84%, 75%
CMY	0.1491, 0.1608, 0.2508
CMYK	0.00, 0.01, 0.12, 0.15
HSL	53°, 25%, 80%
HSV	53°, 12%, 85%
XYZ	62.0672, 66.6064, 58.8972
YIQ	212.2750, 9.1710, -6.5170

Conversions

Conversions Part 2

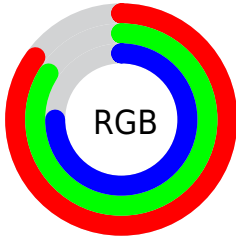
Format	Color
RYB	194, 217, 191
Decimal	14276287
CIELab	85.30, -2.87, 11.71
CIELCh	85, 12.052, 103.777
Yxy	66.6064, 0.3309, 0.3551
Android (android.graphics.Color)	4292466367 (0xFFD9D6BF)
YUV	212.2750, -10.4886, 4.1438
Hunter-Lab	81.6127, -7.0715, 14.3413

Details

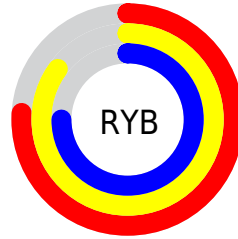
The Yxy color **66.6064, 0.3309, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.6865, 0.2939, 0.3015**, and the grayscale version is **66.0998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.3126, 0.3350, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **64.4687, 0.3469, 0.3776**, and if you desaturate by 10%, it is **68.9109, 0.3156, 0.3332**.

Distribution



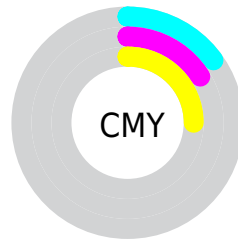
- Red (85%)
- Green (84%)
- Blue (75%)



- Red (76%)
- Yellow (85%)
- Blue (75%)



- Cyan (0%)
- Magenta (1%)
- Yellow (12%)
- Black (15%)




- Cyan (15%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6064, 0.3309, 0.3551 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 66.6064, 0.3309, 0.3551 by changing the saturation by 10% instead.


 66.6064, 0.3309,
0.3551

 66.6064, 0.3309,
0.3551

448.5425, 0.3224,
0.3428

 48.7648, 0.3329,
0.3580


 114.3562, 0.3279,
0.3508

 34.4330, 0.3353,
0.3616


145.0333, 0.3268,
0.3491

 23.2264, 0.3384,
0.3662

180.7576, 0.3258,
0.3477

 14.7608, 0.3425,
0.3724

221.9137, 0.3249,
0.3464

 8.6517, 0.3481,
0.3809

268.8858, 0.3242,
0.3453

 4.5147, 0.3563,
0.3936

322.0583, 0.3235,

 1.9654, 0.3691,

0.3444

0.4142

381.8158, 0.3229,
0.3435

0.5873, 0.4539,
0.5461

0.0000, 0.0000,
0.0000

66.6064, 0.3309,
0.3551

66.6064, 0.3309,
0.3551

64.4687, 0.3469,
0.3776

68.9109, 0.3156,
0.3332

62.4827, 0.3633,
0.4001

71.3794, 0.3013,
0.3123

60.6446, 0.3796,
0.4218

73.9467, 0.2887,
0.2938

58.9471, 0.3951,
0.4418

75.2795, 0.2888,
0.2965

■ 57.3822, 0.4093,
0.4590

■ 76.6320, 0.2889,
0.2992

■ 55.9409, 0.4213,
0.4725

■ 78.0042, 0.2890,
0.3019

■ 54.6130, 0.4309,
0.4818

■ 79.3964, 0.2891,
0.3045

■ 53.3860, 0.4376,
0.4866

■ 80.8086, 0.2892,
0.3072

■ 52.4561, 0.4414,
0.4878

■ 82.2408, 0.2893,
0.3098

Harmonies

Analogous

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



66.6064, 0.3402, 0.3498



66.6064, 0.3309, 0.3551



66.6064, 0.3169, 0.3532

Triad

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



66.6064, 0.3309, 0.3551



66.6064, 0.2843, 0.3178



66.6064, 0.3232, 0.3144

Complementary

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



66.6064, 0.3309, 0.3551



54.6865, 0.2939, 0.3015

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.



66.6064, 0.3080, 0.3062



66.6064, 0.3309, 0.3551



66.6064, 0.2859, 0.3078

Square

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



66.6064, 0.3309, 0.3551



66.6064, 0.2901, 0.3312



66.6064, 0.2944, 0.3038



66.6064, 0.3357, 0.3263

Rectangle

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



66.6064, 0.3309, 0.3551



66.6064, 0.3068, 0.3480



66.6064, 0.2944, 0.3038



66.6064, 0.3182, 0.3111

Sweetspot

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



66.6093, 0.3309, 0.3551



98.6135, 0.3187, 0.3377



55.9275, 0.3318, 0.3255



21.0525, 0.3199, 0.3393



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.



66.6093, 0.3309, 0.3551



95.3163, 0.3343, 0.3600



66.6566, 0.3230, 0.3591



14.9945, 0.3270, 0.3495



31.8568, 0.4410, 0.4880



2.1380, 0.4370, 0.4912

Inverse Universe

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



54.6865, 0.2939, 0.3015



75.3210, 0.2903, 0.2960



54.7042, 0.3015, 0.2985



12.8573, 0.2981, 0.3076



3.5315, 0.1524, 0.0687



0.3112, 0.1583, 0.0898

Previews

White Background



This preview shows how the Yxy color 66.6064, 0.3309, 0.3551 looks on a white background.

Color Contrast Check

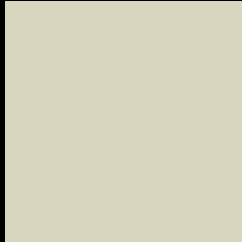
Large Text (above 18pt) WCAG AA × Fail

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 66.6064, 0.3309, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

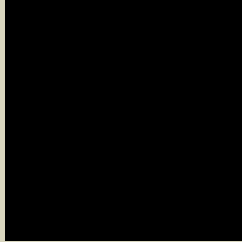
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

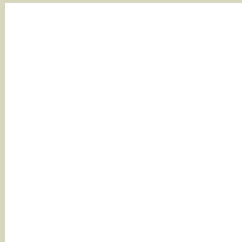
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6064, 0.3309, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 66.6064, 0.3309, 0.3551.



This preview shows how white text looks on a background with the Yxy color 66.6064, 0.3309, 0.3551.

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

66.6064, 0.3309, 0.3551

Protanopia

66.3343, 0.3358, 0.3538

Deuteranopia

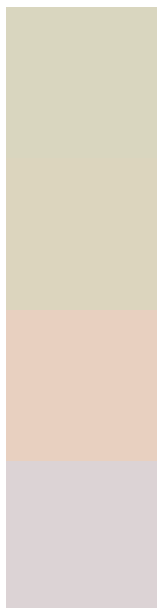
66.2137, 0.3498, 0.3420



Tritanopia

66.5668, 0.3113, 0.3116

Trichromacy



Original Color

66.6064, 0.3309, 0.3551

Protanomaly

66.5218, 0.3341, 0.3550

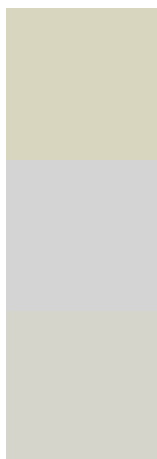
Deuteranomaly

66.0733, 0.3429, 0.3467

Tritanomaly

66.6083, 0.3180, 0.3268

Monochromacy



Original Color

66.6064, 0.3309, 0.3551

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2443, 0.3196, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6064, 0.3309, 0.3551 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(217, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 214, 191)  
}
```

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(217, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 214, 191) }
```

Border

The CSS property to change the border of an element to Yxy 66.6064, 0.3309, 0.3551 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(217, 214, 191) }
```

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

```
.border{ border-color:rgb(217, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 214,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6064, 0.3309, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 214, 191) }
```

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

```
.background{ background-color: rgb(217,  
214, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor