

Converting Colors

Yxy(66.7749, 0.3240, 0.3388)

Have a look what the booklet for
Yxy(66.7749, 0.3240, 0.3388)
contains.

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Color

Yxy(66.5067, 0.3235, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	DBD4CC
RGB	219, 212, 204
RGB Percent	86%, 83%, 80%
CMY	0.1412, 0.1686, 0.2000
CMYK	0.00, 0.03, 0.07, 0.14
HSL	32°, 17%, 83%
HSV	32°, 7%, 86%
XYZ	63.6536, 66.5067, 66.6051
YIQ	213.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

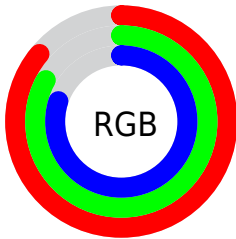
Format	Color
RYB	217, 219, 204
Decimal	14406860
CIELab	85.25, 1.01, 4.80
CIELCh	85, 4.905, 78.086
Yxy	66.5067, 0.3235, 0.3380
Android (android.graphics.Color)	4292596940 (0xFFDBD4CC)
YUV	213.1810, -4.5262, 5.1033
Hunter-Lab	81.5516, -3.3905, 8.6627

Details

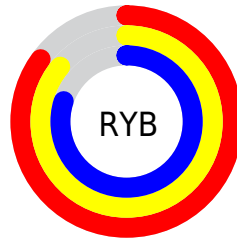
The Yxy color **66.5067, 0.3235, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5294, 0.3022, 0.3198**, and the grayscale version is **66.6953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2085, 0.3261, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **60.5922, 0.3410, 0.3518**, and if you desaturate by 10%, it is **72.8969, 0.3081, 0.3250**.

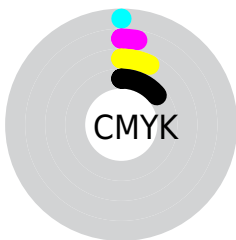
Distribution



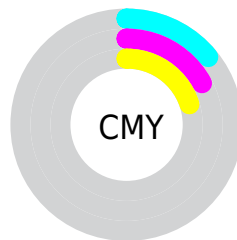
- Red (86%)
- Green (83%)
- Blue (80%)



- Red (85%)
- Yellow (86%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5067, 0.3235, 0.3380 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 66.5067, 0.3235, 0.3380 by changing the saturation by 10% instead.

■ 66.5067, 0.3235,
0.3380

■ 66.5067, 0.3235,
0.3380

448.1868, 0.3184,
0.3338

■ 48.6838, 0.3247,
0.3390

114.2133, 0.3217,
0.3365

■ 34.3688, 0.3262,
0.3402

144.8658, 0.3210,
0.3360

■ 23.1770, 0.3281,
0.3418

180.5636, 0.3204,
0.3355

■ 14.7243, 0.3306,
0.3438

221.6912, 0.3199,
0.3350

■ 8.6261, 0.3341,
0.3467

268.6329, 0.3195,
0.3347

■ 4.4981, 0.3393,
0.3509

321.7732, 0.3191,

■ 1.9559, 0.3478,

0.3343

0.3578

381.4964, 0.3187,
0.3340

0.5817, 0.3964,
0.3992

0.0000, 0.0000,
0.0000

66.5067, 0.3235,
0.3380

66.5067, 0.3235,
0.3380

60.5922, 0.3410,
0.3518

72.8969, 0.3081,
0.3250

55.1326, 0.3608,
0.3661

79.7656, 0.2946,
0.3129

50.1182, 0.3828,
0.3805

86.1438, 0.2907,
0.3162

45.5358, 0.4069,
0.3943

92.4055, 0.2911,
0.3267

■ 41.3710, 0.4325,
0.4066

■ 93.7990, 0.2911,
0.3289

■ 37.6088, 0.4586,
0.4162

■ 34.2324, 0.4840,
0.4219

■ 31.2235, 0.5071,
0.4225

■ 28.5600, 0.5265,
0.4178

Harmonies

Analogous

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



66.5067, 0.3247, 0.3340



66.5067, 0.3235, 0.3380



66.5067, 0.3194, 0.3396

Triad

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



66.5067, 0.3235, 0.3380



66.5067, 0.3030, 0.3292



66.5067, 0.3118, 0.3199

Complementary

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



66.5067, 0.3235, 0.3380



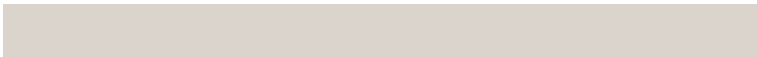
64.5294, 0.3022, 0.3198

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.



66.5067, 0.3060, 0.3186



66.5067, 0.3235, 0.3380



66.5067, 0.3009, 0.3239

Square

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



66.5067, 0.3235, 0.3380



66.5067, 0.3076, 0.3345



66.5067, 0.3020, 0.3200



66.5067, 0.3178, 0.3236

Rectangle

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



66.5067, 0.3235, 0.3380



66.5067, 0.3156, 0.3391



66.5067, 0.3020, 0.3200



66.5067, 0.3097, 0.3192

Sweetspot

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



66.5096, 0.3235, 0.3380



98.1698, 0.3158, 0.3316



62.9454, 0.3192, 0.3212



21.0316, 0.3156, 0.3315



0.0000, 0.0000, 0.0000



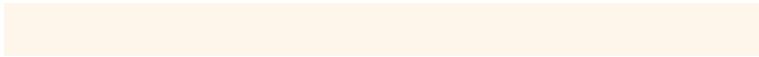
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5096, 0.3235, 0.3380



92.8425, 0.3255, 0.3396



70.0004, 0.3224, 0.3457



14.1978, 0.3278, 0.3415



16.6965, 0.5300, 0.4173



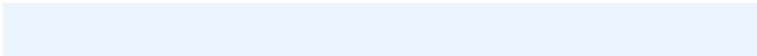
1.2536, 0.5071, 0.4355

Inverse Universe

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



64.5294, 0.3022, 0.3198



89.5760, 0.3003, 0.3181



61.2052, 0.3027, 0.3118



13.6118, 0.2982, 0.3162



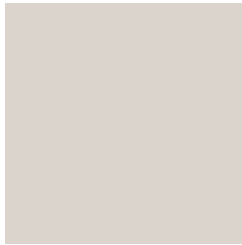
8.8811, 0.1743, 0.1473



0.7467, 0.1828, 0.1782

Previews

White Background



This preview shows how the Yxy color 66.5067, 0.3235, 0.3380 looks on a white background.

Color Contrast Check

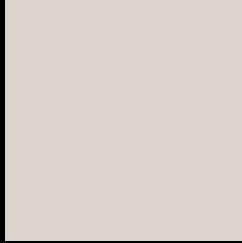
Large Text (above 18pt) WCAG AA × Fail

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 66.5067, 0.3235, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

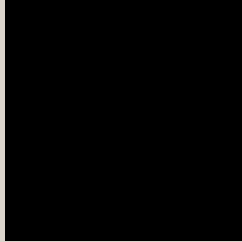
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

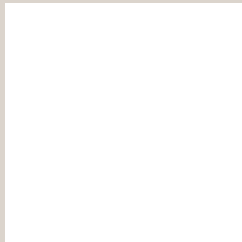
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5067, 0.3235, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 66.5067, 0.3235, 0.3380.

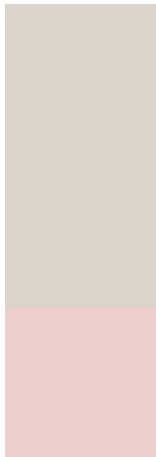


This preview shows how white text looks on a background with the Yxy color 66.5067, 0.3235, 0.3380.

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

66.5067, 0.3235, 0.3380

Protanopia

66.5067, 0.3235, 0.3380

Deuteranopia

66.3833, 0.3366, 0.3302



Tritanopia

66.5668, 0.3113, 0.3116

Trichromacy



Original Color

66.5067, 0.3235, 0.3380

Protanomaly

66.5067, 0.3235, 0.3380

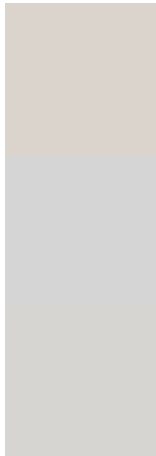
Deuteranomaly

66.3425, 0.3317, 0.3323

Tritanomaly

66.4751, 0.3161, 0.3213

Monochromacy



Original Color

66.5067, 0.3235, 0.3380

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.6887, 0.3162, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5067, 0.3235, 0.3380 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(219, 212, 204)` looks like.

```
.text, #text, p{  
    color:rgb(219, 212, 204)  
}
```

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(219, 212, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 212, 204) }
```

Border

The CSS property to change the border of an element to Yxy 66.5067, 0.3235, 0.3380 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(219, 212, 204) }
```

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

```
.border{ border-color:rgb(219, 212, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 212, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 212, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 212, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 212,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5067, 0.3235, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 212, 204) }
```

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

```
.background{ background-color: rgb(219,  
212, 204) }
```

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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