

Converting Colors

Yxy(64.9140, 0.3241, 0.3344)

Have a look what the booklet for
Yxy(64.9140, 0.3241, 0.3344)
contains.

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Color

Yxy(65.0206, 0.3238, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	DBD1CC
RGB	219, 209, 204
RGB Percent	86%, 82%, 80%
CMY	0.1411, 0.1804, 0.1999
CMYK	0.00, 0.05, 0.07, 0.14
HSL	20°, 17%, 83%
HSV	20°, 7%, 86%
XYZ	62.9219, 65.0206, 66.3809
YIQ	211.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

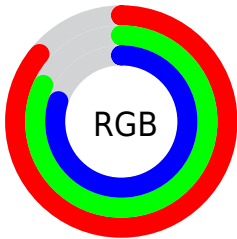
Format	Color
RYB	219, 212, 204
Decimal	14406092
CIELab	84.49, 2.61, 3.68
CIELCh	84, 4.509, 54.702
Yxy	65.0206, 0.3238, 0.3346
Android (android.graphics.Color)	4292596172 (0xFFDBD1CC)
YUV	211.4200, -3.6581, 6.6477
Hunter-Lab	80.6354, -1.8236, 7.6359

Details

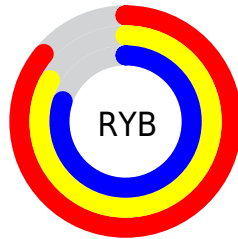
The Yxy color **65.0206, 0.3238, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.0853, 0.3022, 0.3233**, and the grayscale version is **65.4594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.5372, 0.3264, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **57.1808, 0.3424, 0.3433**, and if you desaturate by 10%, it is **73.6756, 0.3080, 0.3265**.

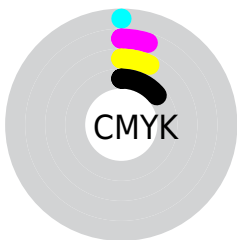
Distribution



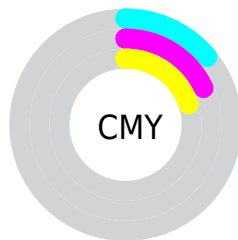
- Red (86%)
- Green (82%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0206, 0.3238, 0.3346 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 65.0206, 0.3238, 0.3346 by changing the saturation by 10% instead.

■ 65.0206, 0.3238,
0.3346

■ 65.0206, 0.3238,
0.3346

442.8660, 0.3186,
0.3320

■ 47.4778, 0.3250,
0.3352

112.0795, 0.3220,
0.3337

■ 33.4135, 0.3266,
0.3360

142.3643, 0.3212,
0.3333

■ 22.4434, 0.3285,
0.3369

177.6653, 0.3206,
0.3330

■ 14.1831, 0.3312,
0.3382

218.3668, 0.3201,
0.3328

■ 8.2481, 0.3349,
0.3400

264.8532, 0.3196,
0.3325

■ 4.2541, 0.3404,
0.3426

317.5090, 0.3192,

■ 1.8167, 0.3496,

0.3323

0.3467

376.7184, 0.3189,
0.3321

0.4976, 0.4069,
0.3773

0.0000, 0.0000,
0.0000

65.0206, 0.3238,
0.3346

65.0206, 0.3238,
0.3346

57.1808, 0.3424,
0.3433

73.6756, 0.3080,
0.3265

50.1237, 0.3644,
0.3523

83.1602, 0.2947,
0.3191

43.8271, 0.3900,
0.3614

92.5128, 0.2911,
0.3269

38.2647, 0.4195,
0.3701

93.8043, 0.2912,
0.3289

■ 33.4081, 0.4524,
0.3775

■ 29.2275, 0.4876,
0.3826

■ 25.6903, 0.5232,
0.3839

■ 22.7609, 0.5560,
0.3806

■ 20.3984, 0.5828,
0.3724

Harmonies

Analogous

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



65.0206, 0.3225, 0.3299



65.0206, 0.3238, 0.3346



65.0206, 0.3221, 0.3379

Triad

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



65.0206, 0.3238, 0.3346



65.0206, 0.3068, 0.3331



65.0206, 0.3076, 0.3194

Complementary

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



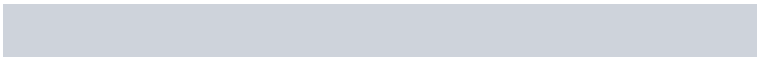
65.0206, 0.3238, 0.3346



66.0853, 0.3022, 0.3233

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.



65.0206, 0.3034, 0.3202



65.0206, 0.3238, 0.3346



65.0206, 0.3030, 0.3280

Square

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



65.0206, 0.3238, 0.3346



65.0206, 0.3123, 0.3371



65.0206, 0.3018, 0.3233



65.0206, 0.3131, 0.3212

Rectangle

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



65.0206, 0.3238, 0.3346



65.0206, 0.3195, 0.3388



65.0206, 0.3018, 0.3233



65.0206, 0.3060, 0.3194

Sweetspot

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



65.0234, 0.3238, 0.3346



97.5176, 0.3159, 0.3306



63.1354, 0.3169, 0.3176



20.8989, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



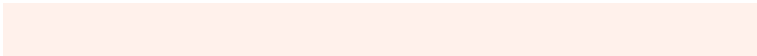
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0234, 0.3238, 0.3346



90.3522, 0.3259, 0.3356



68.6802, 0.3231, 0.3427



13.7517, 0.3283, 0.3368



11.8922, 0.5876, 0.3716



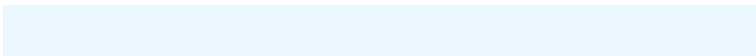
0.9254, 0.5557, 0.3969

Inverse Universe

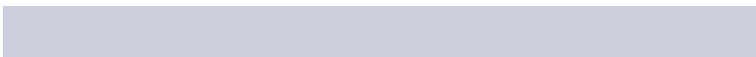
The Inverse Universe completely reimagines the original color for something new.



66.0853, 0.3022, 0.3233



92.1037, 0.3003, 0.3223



62.4784, 0.3023, 0.3150



14.0659, 0.2982, 0.3211



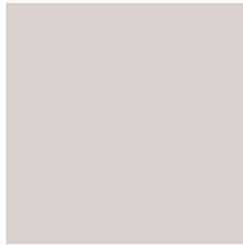
15.5320, 0.1938, 0.2176



1.1617, 0.1994, 0.2379

Previews

White Background



This preview shows how the Yxy color 65.0206, 0.3238, 0.3346 looks on a white background.

Color Contrast Check

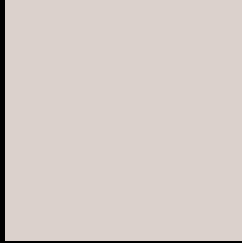
Large Text (above 18pt) WCAG AA × Fail

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 65.0206, 0.3238, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

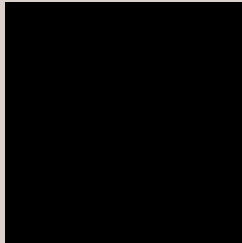
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

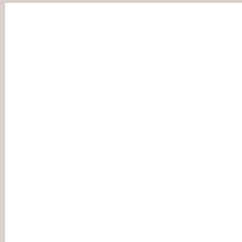
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0206, 0.3238, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 65.0206, 0.3238, 0.3346.

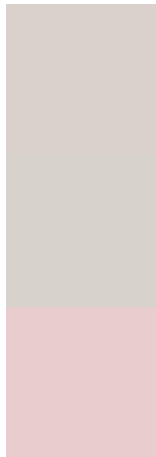


This preview shows how white text looks on a background with the Yxy color 65.0206, 0.3238, 0.3346.

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

65.0206, 0.3238, 0.3346

Protanopia

65.0999, 0.3207, 0.3347

Deuteranopia

64.9171, 0.3345, 0.3280



Tritanopia

64.9461, 0.3135, 0.3115

Trichromacy



Original Color

65.0206, 0.3238, 0.3346

Protanomaly

65.2527, 0.3215, 0.3347

Deuteranomaly

65.0444, 0.3304, 0.3302

Tritanomaly

64.9041, 0.3177, 0.3202

Monochromacy



Original Color

65.0206, 0.3238, 0.3346

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9434, 0.3171, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0206, 0.3238, 0.3346 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, 209, 204) looks like.

```
.text, #text, p{  
    color:rgb(219, 209, 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, 209, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 209, 204) }
```

Border

The CSS property to change the border of an element to Yxy 65.0206, 0.3238, 0.3346 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, 209, 204) }
```

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

```
.border{ border-color:rgb(219, 209, 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, 209, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 209, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 209, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 209,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0206, 0.3238, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 209, 204) }
```

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

```
.background{ background-color: rgb(219,  
209, 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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