

Converting Colors

$Yxy(67.3050, 0.3206, 0.3343)$

Have a look what the booklet for
Yxy(67.3050, 0.3206, 0.3343)
contains.

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Color

Yxy(67.2026, 0.3206, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	DBD5D0
RGB	219, 213, 208
RGB Percent	86%, 84%, 82%
CMY	0.1412, 0.1647, 0.1843
CMYK	0.00, 0.03, 0.05, 0.14
HSL	27°, 13%, 84%
HSV	27°, 5%, 86%
XYZ	64.3908, 67.2026, 69.2512
YIQ	214.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

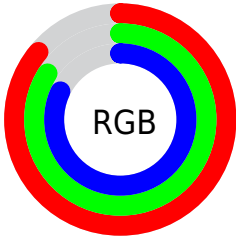
Format	Color
R _Y B	219, 217, 208
Decimal	14407120
CIE Lab	85.61, 1.18, 3.19
CIE LCh	86, 3.397, 69.716
Yxy	67.2026, 0.3206, 0.3346
Android (android.graphics.Color)	4292597200 (0xFFD5D0)
YUV	214.2240, -3.0684, 4.1886
Hunter-Lab	81.9772, -3.2534, 7.2981

Details

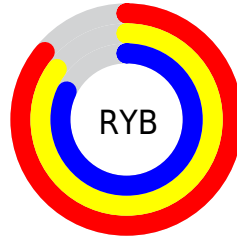
The Yxy color **67.2026, 0.3206, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6094, 0.3050, 0.3233**, and the grayscale version is **67.4232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6793, 0.3222, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **60.4215, 0.3381, 0.3463**, and if you desaturate by 10%, it is **74.5794, 0.3054, 0.3236**.

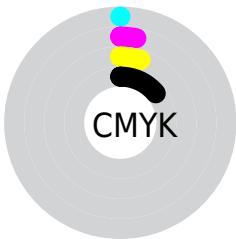
Distribution



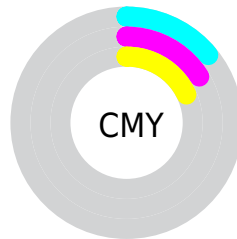
- Red (86%)
- Green (84%)
- Blue (82%)



- Red (86%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2026, 0.3206, 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 67.2026, 0.3206, 0.3346 by changing the saturation by 10% instead.

■ 67.2026, 0.3206,
0.3346

■ 67.2026, 0.3206,
0.3346

450.6656, 0.3169,
0.3320

■ 49.2493, 0.3215,
0.3352

115.2107, 0.3193,
0.3337

■ 34.8173, 0.3225,
0.3360

146.0342, 0.3188,
0.3333

■ 23.5222, 0.3239,
0.3369

181.9166, 0.3184,
0.3330

■ 14.9795, 0.3257,
0.3382

223.2423, 0.3180,
0.3328

■ 8.8050, 0.3283,
0.3399

270.3957, 0.3177,
0.3325

■ 4.6142, 0.3320,
0.3425

323.7611, 0.3174,

■ 2.0227, 0.3382,

0.3323

383.7229, 0.3171,
0.3321

0.3467

0.6206, 0.3656,
0.3668

0.0000, 0.0000,
0.0000

67.2026, 0.3206,
0.3346

67.2026, 0.3206,
0.3346

60.4215, 0.3381,
0.3463

74.5794, 0.3054,
0.3236

54.2118, 0.3582,
0.3585

82.5579, 0.2923,
0.3135

48.5602, 0.3811,
0.3710

89.8919, 0.2909,
0.3226

43.4497, 0.4067,
0.3830

93.7989, 0.2911,
0.3289

■ 38.8622, 0.4347,
0.3938

■ 34.7785, 0.4642,
0.4023

■ 31.1776, 0.4937,
0.4070

■ 28.0368, 0.5213,
0.4069

■ 25.3301, 0.5450,
0.4013

Harmonies

Analogous

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



67.2026, 0.3208, 0.3315



67.2026, 0.3206, 0.3346



67.2026, 0.3183, 0.3362

Triad

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



67.2026, 0.3206, 0.3346



67.2026, 0.3067, 0.3302



67.2026, 0.3109, 0.3223

Complementary

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



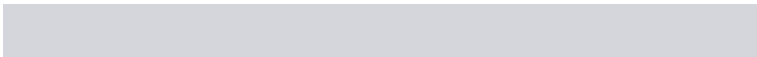
67.2026, 0.3206, 0.3346



66.6094, 0.3050, 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.



67.2026, 0.3071, 0.3219



67.2026, 0.3206, 0.3346



67.2026, 0.3047, 0.3264

Square

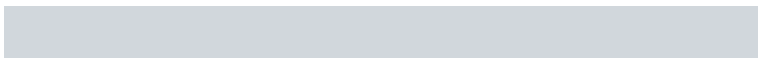
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2026, 0.3206, 0.3346



67.2026, 0.3103, 0.3337



67.2026, 0.3049, 0.3234



67.2026, 0.3151, 0.3244

Rectangle

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



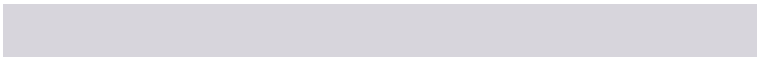
67.2026, 0.3206, 0.3346



67.2026, 0.3159, 0.3362



67.2026, 0.3049, 0.3234



67.2026, 0.3095, 0.3219

Sweetspot

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



67.2055, 0.3206, 0.3346



97.9171, 0.3158, 0.3312



65.0281, 0.3167, 0.3223



20.9802, 0.3157, 0.3311



0.0000, 0.0000, 0.0000



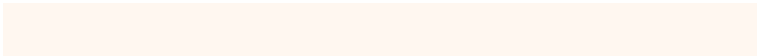
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2055, 0.3206, 0.3346



93.8534, 0.3223, 0.3358



69.9859, 0.3201, 0.3406



14.4508, 0.3232, 0.3364



14.5212, 0.5530, 0.3991



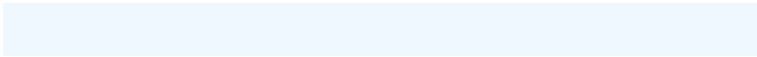
1.1116, 0.5257, 0.4208

Inverse Universe

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



66.6094, 0.3050, 0.3233



92.8459, 0.3034, 0.3221



63.9043, 0.3052, 0.3171



14.2812, 0.3026, 0.3215



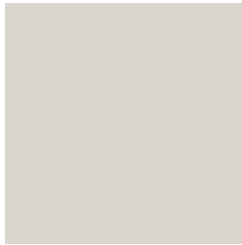
11.1102, 0.1816, 0.1736



0.8913, 0.1892, 0.2011

Previews

White Background



This preview shows how the Yxy color 67.2026, 0.3206, 0.3346 looks on a white background.

Color Contrast Check

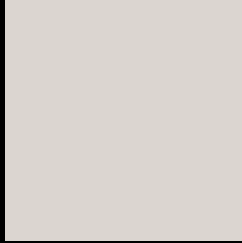
Large Text (above 18pt) WCAG AA × Fail

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 67.2026, 0.3206, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

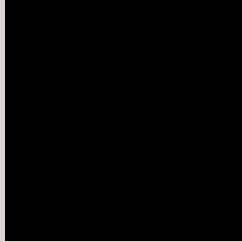
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

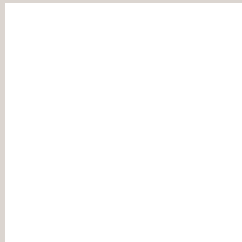
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2026, 0.3206, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 67.2026, 0.3206, 0.3346.

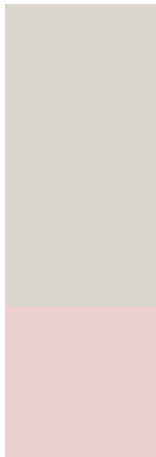


This preview shows how white text looks on a background with the Yxy color 67.2026, 0.3206, 0.3346.

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

67.2026, 0.3206, 0.3346

Protanopia

67.2026, 0.3206, 0.3346

Deuteranopia

67.0620, 0.3335, 0.3269



Tritanopia

67.1688, 0.3099, 0.3105

Trichromacy



Original Color

67.2026, 0.3206, 0.3346

Protanomaly

67.2026, 0.3206, 0.3346

Deuteranomaly

67.0274, 0.3286, 0.3290

Tritanomaly

67.1280, 0.3139, 0.3191

Monochromacy



Original Color

67.2026, 0.3206, 0.3346

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4455, 0.3155, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2026, 0.3206, 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, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(219, 213, 208)  
}
```

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, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 213, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.2026, 0.3206, 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, 213, 208) }
```

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

```
.border{ border-color:rgb(219, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(219, 213,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2026, 0.3206, 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, 213, 208) }
```

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

```
.background{ background-color: rgb(219,  
213, 208) }
```

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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