

Converting Colors

Yxy(67.6170, 0.3242, 0.3339)

Have a look what the booklet for
Yxy(67.6170, 0.3242, 0.3339)
contains.

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Color

Yxy(67.4883, 0.3245, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	E0D4D0
RGB	224, 212, 208
RGB Percent	88%, 83%, 82%
CMY	0.1213, 0.1687, 0.1842
CMYK	0.00, 0.05, 0.07, 0.12
HSL	15°, 21%, 85%
HSV	15°, 7%, 88%
XYZ	65.6867, 67.4883, 69.2494
YIQ	215.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

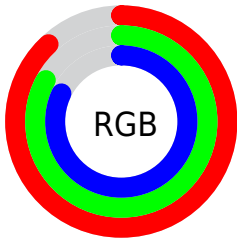
Format	Color
R_{YB}	224, 213, 208
Decimal	14734544
CIE Lab	85.75, 3.48, 3.44
CIE LCh	86, 4.894, 44.599
Yxy	67.4883, 0.3245, 0.3334
Android (android.graphics.Color)	4292924624 (0xFFE0D4D0)
YUV	215.1320, -3.5161, 7.7772
Hunter-Lab	82.1513, -1.0392, 7.5274

Details

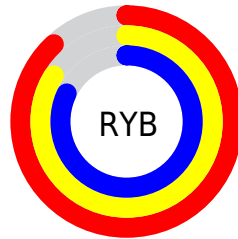
The Yxy color **67.4883, 0.3245, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0407, 0.3017, 0.3246**, and the grayscale version is **68.0770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8821, 0.3274, 0.3334** is the 20% darker color. If you saturate the color by 10%, you get **58.4655, 0.3437, 0.3399**, and if you desaturate by 10%, it is **77.5545, 0.3085, 0.3273**.

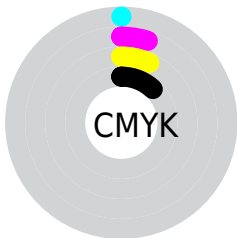
Distribution



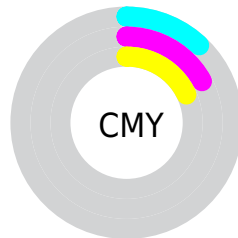
- Red (88%)
- Green (83%)
- Blue (82%)



- Red (88%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4883, 0.3245, 0.3334 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 67.4883, 0.3245, 0.3334 by changing the saturation by 10% instead.

67.4883, 0.3245,
0.3334

67.4883, 0.3245,
0.3334

451.6809, 0.3190,
0.3314

49.4816, 0.3258,
0.3339

115.6198, 0.3226,
0.3327

35.0016, 0.3274,
0.3344

146.5134, 0.3218,
0.3324

23.6641, 0.3295,
0.3352

182.4713, 0.3212,
0.3322

15.0847, 0.3322,
0.3361

223.8781, 0.3206,
0.3320

8.8788, 0.3360,
0.3374

271.1180, 0.3201,
0.3318

4.6622, 0.3416,
0.3393

324.5755, 0.3197,

2.0505, 0.3508,

0.3316

0.3423

384.6350, 0.3193,
0.3315

0.6366, 0.3878,
0.3577

0.0000, 0.0000,
0.0000

67.4883, 0.3245,
0.3334

67.4883, 0.3245,
0.3334

58.4655, 0.3437,
0.3399

77.5545, 0.3085,
0.3273

50.4438, 0.3668,
0.3468

88.6872, 0.2951,
0.3217

43.3909, 0.3942,
0.3536

94.5986, 0.2941,
0.3289

37.2694, 0.4261,
0.3601

■ 32.0396, 0.4623,
0.3654

■ 27.6586, 0.5015,
0.3685

■ 24.0798, 0.5408,
0.3684

■ 21.2521, 0.5763,
0.3641

■ 19.1161, 0.6037,
0.3560

Harmonies

Analogous

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



67.4883, 0.3221, 0.3281



67.4883, 0.3245, 0.3334



67.4883, 0.3237, 0.3376

Triad

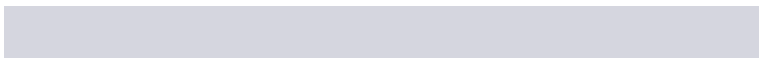
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.4883, 0.3245, 0.3334



67.4883, 0.3083, 0.3350



67.4883, 0.3055, 0.3187

Complementary

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



67.4883, 0.3245, 0.3334



70.0407, 0.3017, 0.3246

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.



67.4883, 0.3018, 0.3204



67.4883, 0.3245, 0.3334



67.4883, 0.3034, 0.3298

Square

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



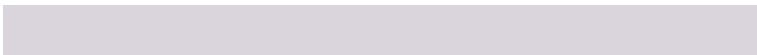
67.4883, 0.3245, 0.3334



67.4883, 0.3143, 0.3386



67.4883, 0.3011, 0.3245



67.4883, 0.3111, 0.3197

Rectangle

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



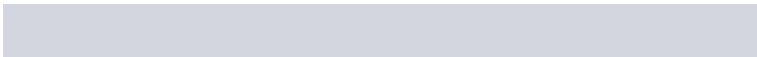
67.4883, 0.3245, 0.3334



67.4883, 0.3215, 0.3392



67.4883, 0.3011, 0.3245



67.4883, 0.3040, 0.3190

Sweetspot

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



67.4913, 0.3245, 0.3334



97.2498, 0.3159, 0.3302



66.1635, 0.3161, 0.3156



20.8443, 0.3157, 0.3302



0.0000, 0.0000, 0.0000



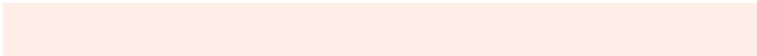
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4913, 0.3245, 0.3334



88.0733, 0.3279, 0.3346



71.4897, 0.3237, 0.3419



14.2475, 0.3286, 0.3349



10.9846, 0.6078, 0.3556



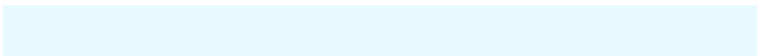
0.9014, 0.5775, 0.3796

Inverse Universe

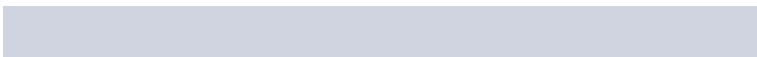
The Inverse Universe completely reimagines the original color for something new.



70.0407, 0.3017, 0.3246



92.3417, 0.2988, 0.3233



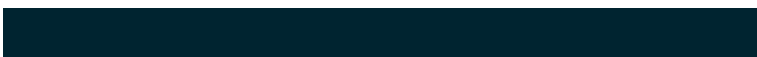
66.0345, 0.3017, 0.3158



14.9690, 0.2982, 0.3231



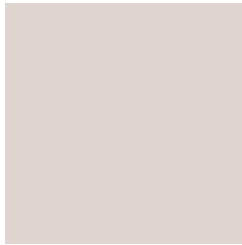
19.7723, 0.2021, 0.2473



1.5086, 0.2060, 0.2614

Previews

White Background



This preview shows how the Yxy color 67.4883, 0.3245, 0.3334 looks on a white background.

Color Contrast Check

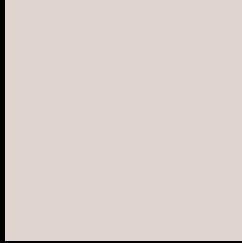
Large Text (above 18pt) WCAG AA × Fail

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 67.4883, 0.3245, 0.3334 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

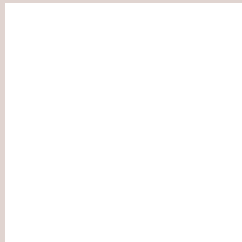
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4883, 0.3245, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 67.4883, 0.3245, 0.3334.

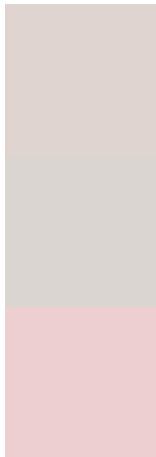


This preview shows how white text looks on a background with the Yxy color 67.4883, 0.3245, 0.3334.

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

67.4883, 0.3245, 0.3334

Protanopia

67.2520, 0.3199, 0.3335

Deuteranopia

67.2336, 0.3343, 0.3269



Tritanopia

67.4228, 0.3143, 0.3107

Trichromacy



Original Color

67.4883, 0.3245, 0.3334

Protanomaly

67.5641, 0.3214, 0.3335

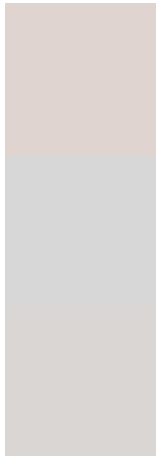
Deuteranomaly

67.3602, 0.3302, 0.3291

Tritanomaly

67.3764, 0.3184, 0.3192

Monochromacy



Original Color

67.4883, 0.3245, 0.3334

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7520, 0.3170, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4883, 0.3245, 0.3334 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(224, 212, 208)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 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(224, 212, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 208) }
```

Border

The CSS property to change the border of an element to Yxy 67.4883, 0.3245, 0.3334 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(224, 212, 208) }
```

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

```
.border{ border-color:rgb(224, 212, 208) }
```

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

Here you see how a box with a 4 pixel rgb(224, 212, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 208);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4883, 0.3245, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 208) }
```

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

```
.background{ background-color: rgb(224,  
212, 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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