

Converting Colors

$Yxy(68.7297, 0.3242, 0.3356)$

Have a look what the booklet for
Yxy(68.7297, 0.3242, 0.3356)
contains.

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Color

Yxy(68.4945, 0.3243, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6D0
RGB	224, 214, 208
RGB Percent	88%, 84%, 82%
CMY	0.1213, 0.1608, 0.1843
CMYK	0.00, 0.04, 0.07, 0.12
HSL	22°, 21%, 85%
HSV	22°, 7%, 88%
XYZ	66.1882, 68.4945, 69.4129
YIQ	216.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

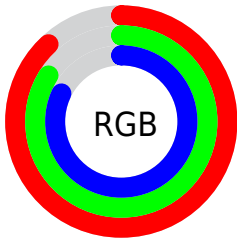
Format	Color
R _Y B	224, 218, 208
Decimal	14735056
CIE Lab	86.25, 2.44, 4.17
CIE LCh	86, 4.829, 59.679
Yxy	68.4945, 0.3243, 0.3356
Android (android.graphics.Color)	4292925136 (0xFFE0D6D0)
YUV	216.3060, -4.0949, 6.7476
Hunter-Lab	82.7614, -2.0775, 8.2058

Details

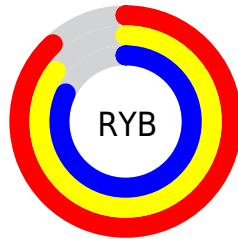
The Yxy color **68.4945, 0.3243, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9885, 0.3017, 0.3223**, and the grayscale version is **68.9207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5644, 0.3271, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **60.6543, 0.3428, 0.3453**, and if you desaturate by 10%, it is **77.1117, 0.3085, 0.3265**.

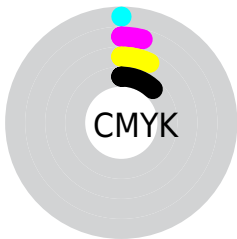
Distribution



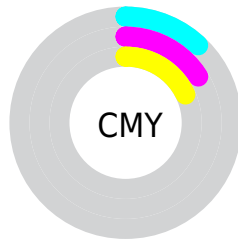
- Red (88%)
- Green (84%)
- Blue (82%)



- Red (88%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4945, 0.3243, 0.3356 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 68.4945, 0.3243, 0.3356 by changing the saturation by 10% instead.

■ 68.4945, 0.3243,
0.3356

■ 68.4945, 0.3243,
0.3356

455.2461, 0.3189,
0.3325

■ 50.3001, 0.3256,
0.3363

117.0593, 0.3224,
0.3345

■ 35.6519, 0.3271,
0.3372

148.1985, 0.3217,
0.3341

■ 24.1655, 0.3291,
0.3383

184.4214, 0.3210,
0.3338

■ 15.4564, 0.3318,
0.3397

226.1125, 0.3205,
0.3335

■ 9.1403, 0.3355,
0.3417

273.6561, 0.3200,
0.3332

■ 4.8328, 0.3409,
0.3446

327.4367, 0.3196,

■ 2.1495, 0.3497,

0.3329

0.3493

387.8385, 0.3192,
0.3327

0.6923, 0.3833,
0.3698

0.0000, 0.0000,
0.0000

68.4945, 0.3243,
0.3356

68.4945, 0.3243,
0.3356

60.6543, 0.3428,
0.3453

77.1117, 0.3085,
0.3265

53.5603, 0.3645,
0.3555

86.5181, 0.2950,
0.3181

47.1923, 0.3895,
0.3657

94.5979, 0.2941,
0.3289

41.5261, 0.4180,
0.3755

■ 36.5359, 0.4495,
0.3839

■ 32.1940, 0.4830,
0.3897

■ 28.4707, 0.5166,
0.3917

■ 25.3333, 0.5475,
0.3888

■ 22.7438, 0.5730,
0.3807

Harmonies

Analogous

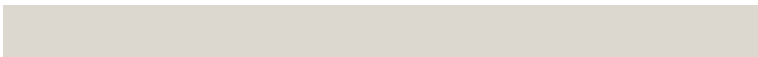
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4945, 0.3235, 0.3308



68.4945, 0.3243, 0.3356



68.4945, 0.3220, 0.3387

Triad

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



68.4945, 0.3243, 0.3356



68.4945, 0.3057, 0.3325



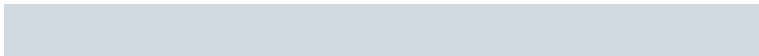
68.4945, 0.3082, 0.3190

Complementary

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



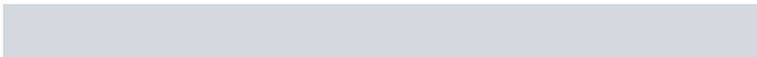
68.4945, 0.3243, 0.3356



68.9885, 0.3017, 0.3223

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.



68.4945, 0.3035, 0.3194



68.4945, 0.3243, 0.3356



68.4945, 0.3021, 0.3271

Square

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



68.4945, 0.3243, 0.3356



68.4945, 0.3112, 0.3369



68.4945, 0.3013, 0.3223



68.4945, 0.3141, 0.3213

Rectangle

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



68.4945, 0.3243, 0.3356



68.4945, 0.3190, 0.3394



68.4945, 0.3013, 0.3223



68.4945, 0.3064, 0.3188

Sweetspot

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



68.4975, 0.3243, 0.3356



97.6494, 0.3158, 0.3308



66.0465, 0.3177, 0.3179



20.9257, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



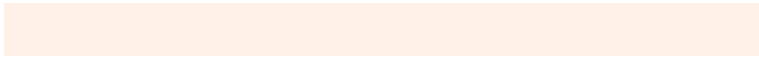
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4975, 0.3243, 0.3356



89.7557, 0.3276, 0.3374



72.6157, 0.3235, 0.3442



14.5316, 0.3283, 0.3378



13.0572, 0.5768, 0.3802



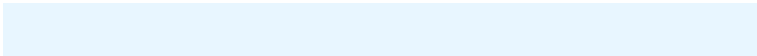
1.0728, 0.5477, 0.4033

Inverse Universe

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



68.9885, 0.3017, 0.3223



90.5774, 0.2987, 0.3204



64.9651, 0.3017, 0.3133



14.6705, 0.2981, 0.3201



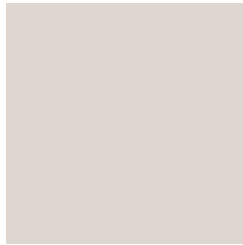
14.3918, 0.1897, 0.2028



1.1674, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 68.4945, 0.3243, 0.3356 looks on a white background.

Color Contrast Check

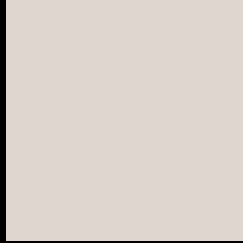
Large Text (above 18pt) WCAG AA × Fail

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 68.4945, 0.3243, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

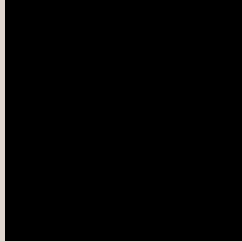
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

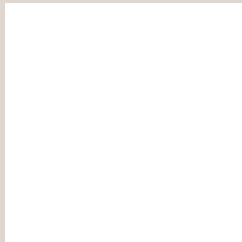
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4945, 0.3243, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 68.4945, 0.3243, 0.3356.

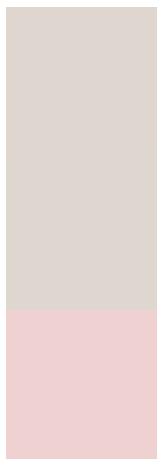


This preview shows how white text looks on a background with the Yxy color 68.4945, 0.3243, 0.3356.

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

68.4945, 0.3243, 0.3356

Protanopia

68.5271, 0.3219, 0.3368

Deuteranopia

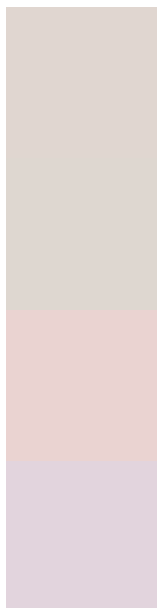
68.5551, 0.3356, 0.3291



Tritanopia

68.5209, 0.3128, 0.3108

Trichromacy



Original Color

68.4945, 0.3243, 0.3356

Protanomaly

68.6845, 0.3227, 0.3368

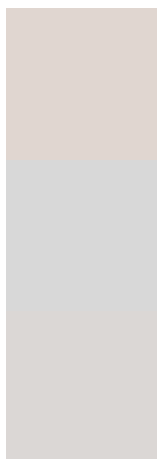
Deuteranomaly

68.6844, 0.3315, 0.3312

Tritanomaly

68.4762, 0.3169, 0.3193

Monochromacy



Original Color

68.4945, 0.3243, 0.3356

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.4650, 0.3170, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4945, 0.3243, 0.3356 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, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 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, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 208) }
```

Border

The CSS property to change the border of an element to Yxy 68.4945, 0.3243, 0.3356 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, 214, 208) }
```

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

```
.border{ border-color:rgb(224, 214, 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, 214, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4945, 0.3243, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 208) }
```

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

```
.background{ background-color: rgb(224,  
214, 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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