

Converting Colors

Yxy(68.1708, 0.3301, 0.3426)

Have a look what the booklet for
Yxy(68.1708, 0.3301, 0.3426)
contains.

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Color

Yxy(68.3177, 0.3299, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6C9
RGB	225, 214, 201
RGB Percent	88%, 84%, 79%
CMY	0.1178, 0.1607, 0.2117
CMYK	0.00, 0.05, 0.11, 0.12
HSL	33°, 28%, 84%
HSV	33°, 11%, 88%
XYZ	65.6319, 68.3177, 64.9953
YIQ	215.8070, 10.7290, -1.7110

Conversions

Conversions Part 2

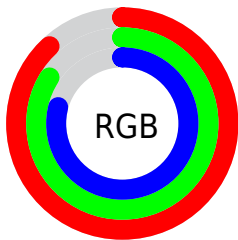
Format	Color
RYB	221, 225, 201
Decimal	14800585
CIELab	86.17, 1.57, 7.75
CIELCh	86, 7.906, 78.529
Yxy	68.3177, 0.3299, 0.3434
Android (android.graphics.Color)	4292990665 (0xFFE1D6C9)
YUV	215.8070, -7.2999, 8.0623
Hunter-Lab	82.6545, -2.9072, 11.2355

Details

The Yxy color **68.3177, 0.3299, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9193, 0.2962, 0.3142**, and the grayscale version is **68.5752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4489, 0.3346, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **62.2974, 0.3483, 0.3577**, and if you desaturate by 10%, it is **74.8275, 0.3137, 0.3298**.

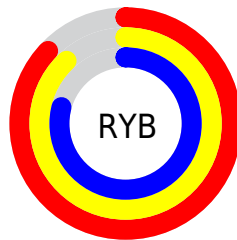
Distribution



Red (88%)

Green (84%)

Blue (79%)



Red (87%)

Yellow (88%)

Blue (79%)

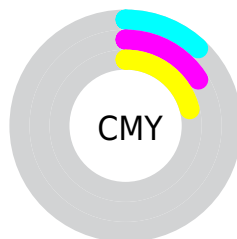


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3177, 0.3299, 0.3434 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 68.3177, 0.3299, 0.3434 by changing the saturation by 10% instead.

■ 68.3177, 0.3299,
0.3434

■ 68.3177, 0.3299,
0.3434

454.6208, 0.3218,
0.3367

■ 50.1562, 0.3318,
0.3449

116.8065, 0.3271,
0.3411

■ 35.5376, 0.3341,
0.3469

147.9027, 0.3260,
0.3402

■ 24.0773, 0.3371,
0.3493

184.0792, 0.3251,
0.3394

■ 15.3909, 0.3410,
0.3525

225.7204, 0.3242,
0.3387

■ 9.0942, 0.3464,
0.3570

273.2108, 0.3235,
0.3381

■ 4.8027, 0.3544,
0.3634

326.9348, 0.3229,

■ 2.1320, 0.3673,

0.3376

387.2766, 0.3223,
0.3371

0.3736

0.6825, 0.4374,
0.4344

0.0000, 0.0000,
0.0000

68.3177, 0.3299,
0.3434

68.3177, 0.3299,
0.3434

62.2974, 0.3483,
0.3577

74.8275, 0.3137,
0.3298

56.7448, 0.3688,
0.3723

81.8299, 0.2995,
0.3172

51.6496, 0.3915,
0.3868

88.4390, 0.2944,
0.3187

46.9976, 0.4160,
0.4004

94.7408, 0.2946,
0.3289

■ 42.7736, 0.4417,
0.4120

■ 38.9614, 0.4673,
0.4204

■ 35.5430, 0.4916,
0.4245

■ 32.4980, 0.5129,
0.4231

■ 29.9593, 0.5298,
0.4175

Harmonies

Analogous

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



68.3177, 0.3319, 0.3370



68.3177, 0.3299, 0.3434



68.3177, 0.3233, 0.3460

Triad

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



68.3177, 0.3299, 0.3434



68.3177, 0.2971, 0.3291



68.3177, 0.3113, 0.3146

Complementary

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



68.3177, 0.3299, 0.3434



64.9193, 0.2962, 0.3142

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.



68.3177, 0.3021, 0.3124



68.3177, 0.3299, 0.3434



68.3177, 0.2940, 0.3206

Square

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



68.3177, 0.3299, 0.3434



68.3177, 0.3043, 0.3377



68.3177, 0.2958, 0.3145



68.3177, 0.3210, 0.3205

Rectangle

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



68.3177, 0.3299, 0.3434



68.3177, 0.3172, 0.3452



68.3177, 0.2958, 0.3145



68.3177, 0.3080, 0.3134

Sweetspot

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



68.3207, 0.3299, 0.3434



97.3069, 0.3174, 0.3330



62.5450, 0.3232, 0.3167



20.6758, 0.3186, 0.3341



0.0000, 0.0000, 0.0000



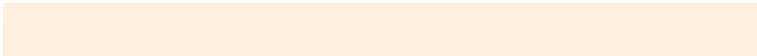
21.4041, 0.3127, 0.3290

Same Dimension

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



68.3207, 0.3299, 0.3434



88.7588, 0.3342, 0.3468



73.9182, 0.3280, 0.3552



14.9277, 0.3278, 0.3417



17.5077, 0.5276, 0.4192



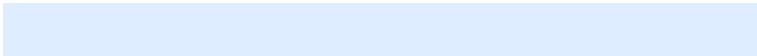
1.3920, 0.5064, 0.4361

Inverse Universe

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



64.9193, 0.2962, 0.3142



83.2933, 0.2923, 0.3105



59.7459, 0.2966, 0.3015



14.2700, 0.2981, 0.3159



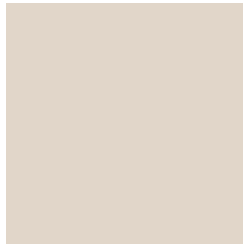
8.9290, 0.1734, 0.1443



0.7963, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 68.3177, 0.3299, 0.3434 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 68.3177, 0.3299, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

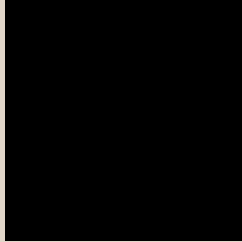
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

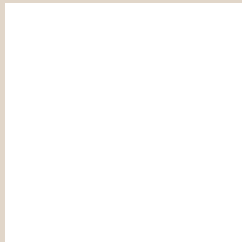
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3177, 0.3299, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 68.3177, 0.3299, 0.3434.

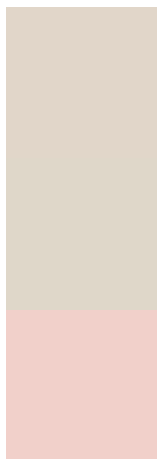


This preview shows how white text looks on a background with the Yxy color 68.3177, 0.3299, 0.3434.

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

68.3177, 0.3299, 0.3434

Protanopia

68.5059, 0.3283, 0.3446

Deuteranopia

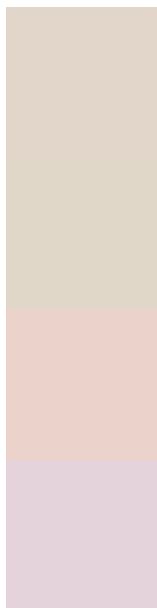
68.0768, 0.3425, 0.3355



Tritanopia

68.2973, 0.3150, 0.3108

Trichromacy



Original Color

68.3177, 0.3299, 0.3434

Protanomaly

68.6652, 0.3291, 0.3445

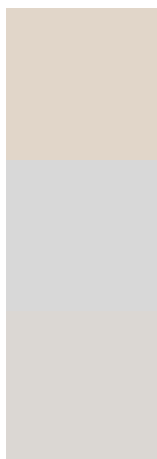
Deuteranomaly

68.0196, 0.3375, 0.3377

Tritanomaly

68.1445, 0.3205, 0.3215

Monochromacy



Original Color

68.3177, 0.3299, 0.3434

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.3641, 0.3184, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3177, 0.3299, 0.3434 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(225, 214, 201)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 201)  
}
```

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(225, 214, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 201) }
```

Border

The CSS property to change the border of an element to Yxy 68.3177, 0.3299, 0.3434 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(225, 214, 201) }
```

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

```
.border{ border-color:rgb(225, 214, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 214, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 214, 201);  
box-shadow:4px 4px 4px 4px rgb(225, 214,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3177, 0.3299, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 201) }
```

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

```
.background{ background-color: rgb(225,  
214, 201) }
```

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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