

Converting Colors

$Yxy(68.2407, 0.3294, 0.3405)$

Have a look what the booklet for
Yxy(68.2407, 0.3294, 0.3405)
contains.

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Color

Yxy(68.0690, 0.3294, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	E2D5CB
RGB	226, 213, 203
RGB Percent	89%, 84%, 80%
CMY	0.1139, 0.1646, 0.2040
CMYK	0.00, 0.06, 0.10, 0.11
HSL	26°, 28%, 84%
HSV	26°, 10%, 89%
XYZ	65.9275, 68.0690, 66.1476
YIQ	215.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

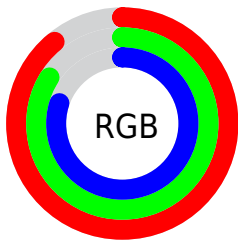
Format	Color
R _Y B	226, 221, 203
Decimal	14865867
CIE Lab	86.04, 2.77, 6.55
CIE LCh	86, 7.107, 67.064
Yxy	68.0690, 0.3294, 0.3401
Android (android.graphics.Color)	4293055947 (0xFFE2D5CB)
YUV	215.7470, -6.2843, 8.9919
Hunter-Lab	82.5039, -1.7457, 10.2169

Details

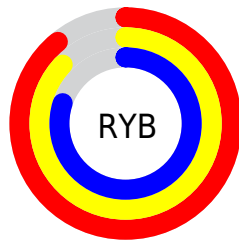
The Yxy color **68.0690, 0.3294, 0.3401** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2553, 0.2970, 0.3176**, and the grayscale version is **68.5243, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2816, 0.3339, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **60.9183, 0.3484, 0.3517**, and if you desaturate by 10%, it is **75.8851, 0.3130, 0.3292**.

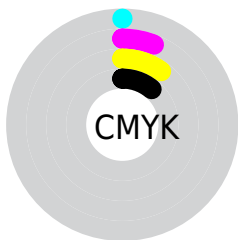
Distribution



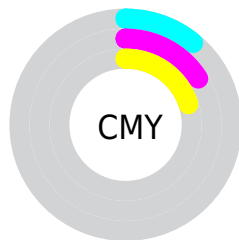
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0690, 0.3294, 0.3401 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 68.0690, 0.3294, 0.3401 by changing the saturation by 10% instead.

68.0690, 0.3294,
0.3401

68.0690, 0.3294,
0.3401

453.7404, 0.3216,
0.3349

49.9539, 0.3312,
0.3413

116.4508, 0.3267,
0.3383

35.3767, 0.3335,
0.3428

147.4864, 0.3256,
0.3376

23.9532, 0.3364,
0.3446

183.5974, 0.3247,
0.3370

15.2989, 0.3402,
0.3471

225.1685, 0.3239,
0.3365

9.0295, 0.3456,
0.3504

272.5840, 0.3232,
0.3360

4.7604, 0.3534,
0.3553

326.2282, 0.3226,

2.1074, 0.3662,

0.3356

0.3630

386.4855, 0.3220,
0.3353

0.6688, 0.4281,
0.4071

0.0000, 0.0000,
0.0000

68.0690, 0.3294,
0.3401

68.0690, 0.3294,
0.3401

60.9183, 0.3484,
0.3517

75.8851, 0.3130,
0.3292

54.4059, 0.3702,
0.3636

84.3751, 0.2988,
0.3190

48.5156, 0.3950,
0.3755

92.5013, 0.2951,
0.3251

43.2271, 0.4225,
0.3865

94.9035, 0.2952,
0.3289

■ 38.5191, 0.4522,
0.3958

■ 34.3685, 0.4829,
0.4021

■ 30.7503, 0.5127,
0.4040

■ 27.6366, 0.5393,
0.4006

■ 25.0312, 0.5613,
0.3926

Harmonies

Analogous

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



68.0690, 0.3294, 0.3335



68.0690, 0.3294, 0.3401



68.0690, 0.3249, 0.3439

Triad

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



68.0690, 0.3294, 0.3401



68.0690, 0.3008, 0.3322



68.0690, 0.3081, 0.3149

Complementary

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



68.0690, 0.3294, 0.3401



67.2553, 0.2970, 0.3176

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.



68.0690, 0.3006, 0.3143



68.0690, 0.3294, 0.3401



68.0690, 0.2964, 0.3242

Square

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



68.0690, 0.3294, 0.3401



68.0690, 0.3083, 0.3393



68.0690, 0.2963, 0.3177



68.0690, 0.3170, 0.3190

Rectangle

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



68.0690, 0.3294, 0.3401



68.0690, 0.3200, 0.3442



68.0690, 0.2963, 0.3177



68.0690, 0.3053, 0.3142

Sweetspot

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



68.0720, 0.3294, 0.3401



96.7989, 0.3174, 0.3322



63.8220, 0.3210, 0.3147



20.5387, 0.3187, 0.3331



0.0000, 0.0000, 0.0000



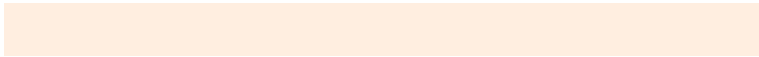
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0720, 0.3294, 0.3401



87.6766, 0.3328, 0.3423



74.0193, 0.3280, 0.3524



14.6806, 0.3281, 0.3393



14.5120, 0.5586, 0.3947



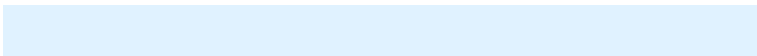
1.1817, 0.5319, 0.4159

Inverse Universe

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



67.2553, 0.2970, 0.3176



86.4177, 0.2940, 0.3154



61.6101, 0.2968, 0.3045



14.5177, 0.2981, 0.3185



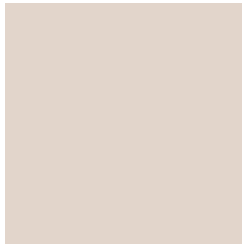
12.0740, 0.1833, 0.1799



1.0142, 0.1903, 0.2050

Previews

White Background



This preview shows how the Yxy color 68.0690, 0.3294, 0.3401 looks on a white background.

Color Contrast Check

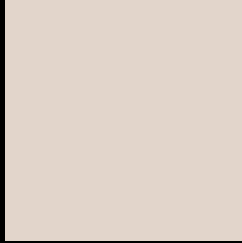
Large Text (above 18pt) WCAG AA × Fail

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 68.0690, 0.3294, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

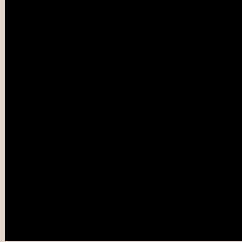
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

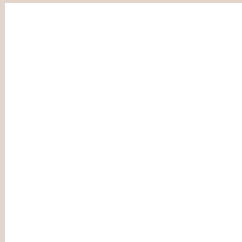
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0690, 0.3294, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 68.0690, 0.3294, 0.3401.

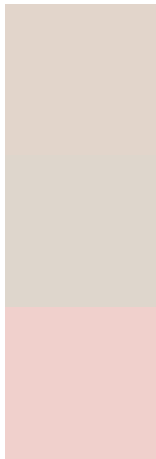


This preview shows how white text looks on a background with the Yxy color 68.0690, 0.3294, 0.3401.

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

68.0690, 0.3294, 0.3401

Protanopia

67.9824, 0.3256, 0.3401

Deuteranopia

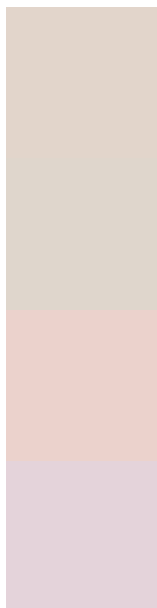
67.9966, 0.3402, 0.3333



Tritanopia

68.2422, 0.3157, 0.3119

Trichromacy



Original Color

68.0690, 0.3294, 0.3401

Protanomaly

68.1407, 0.3263, 0.3401

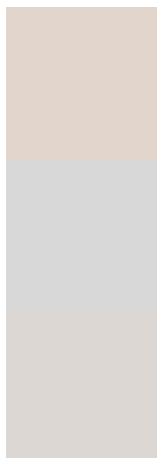
Deuteranomaly

68.1150, 0.3360, 0.3355

Tritanomaly

68.1445, 0.3205, 0.3215

Monochromacy



Original Color

68.0690, 0.3294, 0.3401

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5197, 0.3191, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0690, 0.3294, 0.3401 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(226, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 203)  
}
```

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(226, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 203) }
```

Border

The CSS property to change the border of an element to Yxy 68.0690, 0.3294, 0.3401 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(226, 213, 203) }
```

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

```
.border{ border-color:rgb(226, 213, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 213, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0690, 0.3294, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 203) }
```

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

```
.background{ background-color: rgb(226,  
213, 203) }
```

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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