

Converting Colors

Yxy(68.4926, 0.3292, 0.3390)

Have a look what the booklet for
Yxy(68.4926, 0.3292, 0.3390)
contains.

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Color

Yxy(68.2790, 0.3295, 0.3389)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E3D5CC |
| RGB | 227, 213, 204 |
| RGB Percent | 89%, 84%, 80% |
| CMY | 0.1096, 0.1648, 0.2000 |
| CMYK | 0.00, 0.06, 0.10, 0.11 |
| HSL | 23°, 29%, 85% |
| HSV | 23°, 10%, 89% |
| XYZ | 66.3852, 68.2790, 66.8083 |
| YIQ | 216.1600, 11.2330, 0.1690 |

Conversions

Conversions Part 2

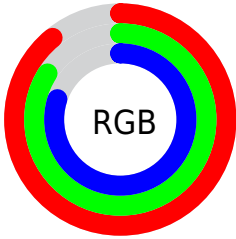
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 227, 219, 204 |
| Decimal | 14931404 |
| CIE Lab | 86.15, 3.34, 6.16 |
| CIE LCh | 86, 7.010, 61.550 |
| Yxy | 68.2790, 0.3295, 0.3389 |
| Android (android.graphics.Color) | 4293121484 (0xFFE3D5CC) |
| YUV | 216.1600, -5.9949, 9.5067 |
| Hunter-Lab | 82.6311, -1.1990, 9.9051 |

Details

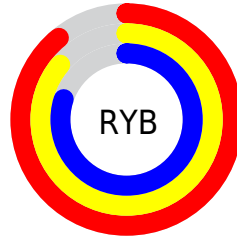
The Yxy color **68.2790, 0.3295, 0.3389** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5679, 0.2970, 0.3189**, and the grayscale version is **68.8262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4264, 0.3340, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **60.5951, 0.3488, 0.3493**, and if you desaturate by 10%, it is **76.7234, 0.3129, 0.3291**.

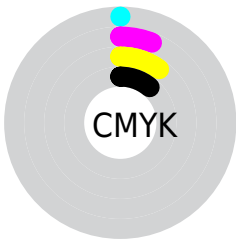
Distribution



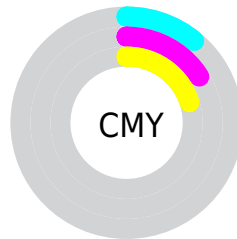
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (86%)
- 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 68.2790, 0.3295, 0.3389 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 68.2790, 0.3295, 0.3389 by changing the saturation by 10% instead.

68.2790, 0.3295,
0.3389

68.2790, 0.3295,
0.3389

454.4839, 0.3216,
0.3343

50.1247, 0.3313,
0.3400

116.7512, 0.3267,
0.3373

35.5125, 0.3336,
0.3413

147.8379, 0.3257,
0.3367

24.0579, 0.3365,
0.3429

184.0042, 0.3248,
0.3362

15.3766, 0.3404,
0.3451

225.6346, 0.3240,
0.3357

9.0841, 0.3458,
0.3480

273.1133, 0.3233,
0.3353

4.7961, 0.3537,
0.3523

326.8249, 0.3227,

2.1281, 0.3665,

0.3349

0.3590

387.1536, 0.3221,
0.3346

0.6804, 0.4238,
0.3959

0.0000, 0.0000,
0.0000

68.2790, 0.3295,
0.3389

68.2790, 0.3295,
0.3389

60.5951, 0.3488,
0.3493

76.7234, 0.3129,
0.3291

53.6411, 0.3713,
0.3600

85.9401, 0.2988,
0.3201

47.3972, 0.3970,
0.3706

94.7996, 0.2958,
0.3285

41.8394, 0.4260,
0.3805

95.0802, 0.2958,
0.3290

■ 36.9421, 0.4576,
0.3887

■ 32.6780, 0.4905,
0.3939

■ 29.0173, 0.5227,
0.3948

■ 25.9272, 0.5514,
0.3905

■ 23.3989, 0.5748,
0.3818

Harmonies

Analogous

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



68.2790, 0.3286, 0.3320



68.2790, 0.3295, 0.3389



68.2790, 0.3258, 0.3433

Triad

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



68.2790, 0.3295, 0.3389



68.2790, 0.3021, 0.3335



68.2790, 0.3066, 0.3147

Complementary

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



68.2790, 0.3295, 0.3389



68.5679, 0.2970, 0.3189

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.



68.2790, 0.2997, 0.3149



68.2790, 0.3295, 0.3389



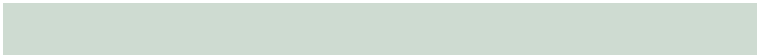
68.2790, 0.2971, 0.3257

Square

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



68.2790, 0.3295, 0.3389



68.2790, 0.3100, 0.3402



68.2790, 0.2962, 0.3189



68.2790, 0.3153, 0.3182

Rectangle

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



68.2790, 0.3295, 0.3389



68.2790, 0.3213, 0.3441



68.2790, 0.2962, 0.3189



68.2790, 0.3040, 0.3143

Sweetspot

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



68.2820, 0.3295, 0.3389



96.5742, 0.3174, 0.3319



64.6010, 0.3202, 0.3135



20.4782, 0.3187, 0.3327



0.0000, 0.0000, 0.0000



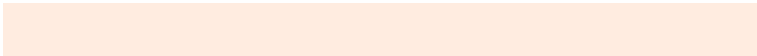
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2820, 0.3295, 0.3389



86.8415, 0.3330, 0.3409



74.2090, 0.3281, 0.3511



15.2845, 0.3283, 0.3382



13.8496, 0.5721, 0.3839



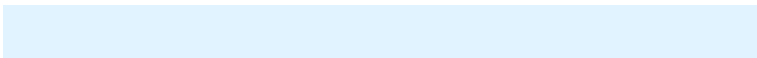
1.1997, 0.5451, 0.4054

Inverse Universe

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



68.5679, 0.2970, 0.3189



87.2777, 0.2940, 0.3169



62.8641, 0.2969, 0.3059



15.3439, 0.2981, 0.3196



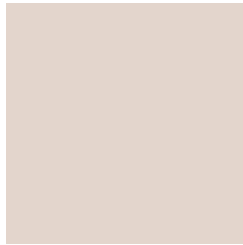
14.1591, 0.1879, 0.1964



1.2256, 0.1938, 0.2178

Previews

White Background



This preview shows how the Yxy color 68.2790, 0.3295, 0.3389 looks on a white background.

Color Contrast Check

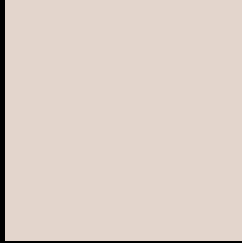
Large Text (above 18pt) WCAG AA × Fail

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 68.2790, 0.3295, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

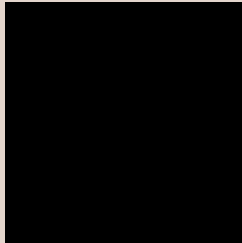
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2790, 0.3295, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 68.2790, 0.3295, 0.3389.

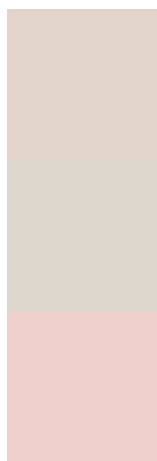


This preview shows how white text looks on a background with the Yxy color 68.2790, 0.3295, 0.3389.

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

68.2790, 0.3295, 0.3389

Protanopia

68.5383, 0.3248, 0.3401

Deuteranopia

68.0448, 0.3394, 0.3323



Tritanopia

68.4072, 0.3165, 0.3119

Trichromacy



Original Color

68.2790, 0.3295, 0.3389

Protanomaly

68.3482, 0.3264, 0.3390

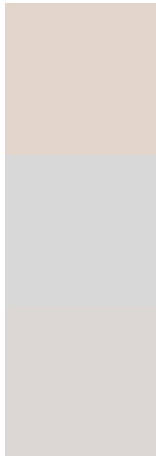
Deuteranomaly

68.1631, 0.3353, 0.3345

Tritanomaly

68.3085, 0.3213, 0.3215

Monochromacy



Original Color

68.2790, 0.3295, 0.3389

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5700, 0.3184, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2790, 0.3295, 0.3389 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(227, 213, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 213, 204)  
}
```

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(227, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 213, 204) }
```

Border

The CSS property to change the border of an element to Yxy 68.2790, 0.3295, 0.3389 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(227, 213, 204) }
```

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

```
.border{ border-color:rgb(227, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 213,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2790, 0.3295, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 213, 204) }
```

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

```
.background{ background-color: rgb(227,  
213, 204) }
```

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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