

Converting Colors

Yxy(69.6215, 0.3277, 0.3344)

Have a look what the booklet for
Yxy(69.6215, 0.3277, 0.3344)
contains.

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Color

Yxy(69.5196, 0.3281, 0.3345)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E6D6D1 |
| RGB | 230, 214, 209 |
| RGB Percent | 90%, 84%, 82% |
| CMY | 0.0980, 0.1608, 0.1805 |
| CMYK | 0.00, 0.07, 0.09, 0.10 |
| HSL | 14°, 30%, 86% |
| HSV | 14°, 9%, 90% |
| XYZ | 68.1895, 69.5196, 70.1223 |
| YIQ | 218.2140, 11.1410, 1.8370 |

Conversions

Conversions Part 2

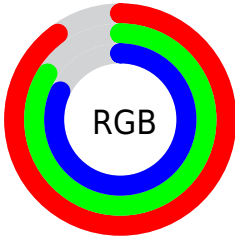
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 216, 209 |
| Decimal | 15128273 |
| CIE Lab | 86.76, 4.67, 4.46 |
| CIE LCh | 87, 6.459, 43.663 |
| Yxy | 69.5196, 0.3281, 0.3345 |
| Android (android.graphics.Color) | 4293318353 (0xFFE6D6D1) |
| YUV | 218.2140, -4.5425, 10.3363 |
| Hunter-Lab | 83.3784, 0.0707, 8.5012 |

Details

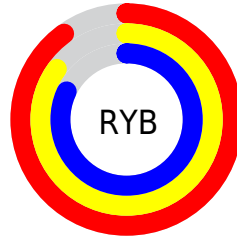
The Yxy color $69.5196, 0.3281, 0.3345$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.1059, 0.2986, 0.3234$, and the grayscale version is $70.2945, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.1615, 0.3311, 0.3347$ is the 20% darker color. If you saturate the color by 10%, you get $60.0777, 0.3481, 0.3409$, and if you desaturate by 10%, it is $80.0837, 0.3114, 0.3285$.

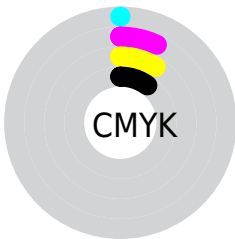
Distribution



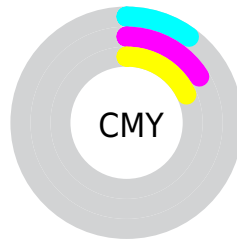
- Red (90%)
- Green (84%)
- Blue (82%)



- Red (90%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (10%)





- Cyan (10%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5196, 0.3281, 0.3345 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 69.5196, 0.3281, 0.3345 by changing the saturation by 10% instead.


 69.5196, 0.3281,
0.3345

 69.5196, 0.3281,
0.3345


458.8614, 0.3209,
0.3320

 51.1350, 0.3298,
0.3351


118.5234, 0.3256,
0.3336

 36.3160, 0.3318,
0.3358


149.9114, 0.3246,
0.3333

 24.6784, 0.3345,
0.3367


186.4027, 0.3238,
0.3330

 15.8376, 0.3380,
0.3378

228.3815, 0.3230,
0.3327

 9.4093, 0.3428,
0.3394

276.2325, 0.3224,
0.3325

 5.0091, 0.3500,
0.3416

330.3398, 0.3218,

 2.2526, 0.3615,

0.3323

0.3450

391.0880, 0.3213,
0.3321

0.7485, 0.3974,
0.3603

0.0000, 0.0000,
0.0000

69.5196, 0.3281,
0.3345

69.5196, 0.3281,
0.3345

60.0777, 0.3481,
0.3409

80.0837, 0.3114,
0.3285

51.7117, 0.3722,
0.3476

91.7959, 0.2975,
0.3230

44.3859, 0.4007,
0.3542

95.5665, 0.2976,
0.3290

38.0587, 0.4338,
0.3603

■ 32.6861, 0.4711,
0.3651

■ 28.2203, 0.5110,
0.3675

■ 24.6095, 0.5503,
0.3664

■ 21.7958, 0.5846,
0.3613

■ 19.7092, 0.6102,
0.3528

Harmonies

Analogous

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



69.5196, 0.3248, 0.3276



69.5196, 0.3281, 0.3345



69.5196, 0.3272, 0.3401

Triad

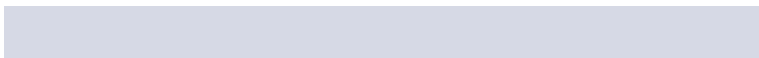
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.5196, 0.3281, 0.3345



69.5196, 0.3071, 0.3371



69.5196, 0.3030, 0.3156

Complementary

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



69.5196, 0.3281, 0.3345



73.1059, 0.2986, 0.3234

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.



69.5196, 0.2984, 0.3179



69.5196, 0.3281, 0.3345



69.5196, 0.3008, 0.3303

Square

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



69.5196, 0.3281, 0.3345



69.5196, 0.3150, 0.3416



69.5196, 0.2976, 0.3232



69.5196, 0.3103, 0.3168

Rectangle

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



69.5196, 0.3281, 0.3345



69.5196, 0.3244, 0.3422



69.5196, 0.2976, 0.3232



69.5196, 0.3011, 0.3159

Sweetspot

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



69.5227, 0.3281, 0.3345



95.8599, 0.3175, 0.3308



67.8522, 0.3172, 0.3117



20.2859, 0.3188, 0.3313



0.0000, 0.0000, 0.0000



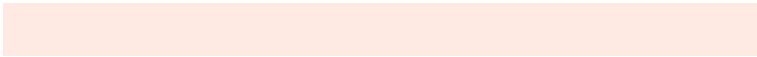
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5227, 0.3281, 0.3345



85.4562, 0.3316, 0.3357



74.9581, 0.3269, 0.3456



14.9250, 0.3286, 0.3347



11.2308, 0.6096, 0.3542



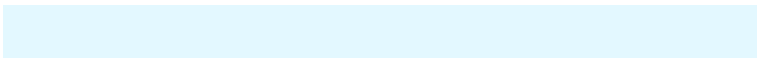
0.9717, 0.5812, 0.3767

Inverse Universe

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



73.1059, 0.2986, 0.3234



90.8553, 0.2957, 0.3222



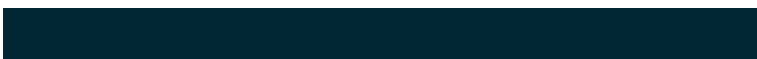
67.6516, 0.2985, 0.3118



15.7212, 0.2981, 0.3232



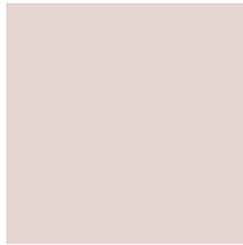
20.7844, 0.2028, 0.2500



1.6768, 0.2064, 0.2628

Previews

White Background



This preview shows how the Yxy color 69.5196, 0.3281, 0.3345 looks on a white background.

Color Contrast Check

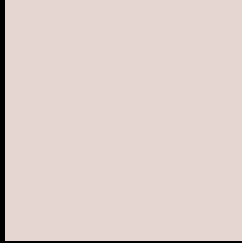
Large Text (above 18pt) WCAG AA × Fail

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 69.5196, 0.3281, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

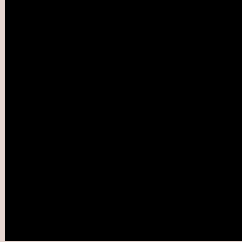
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

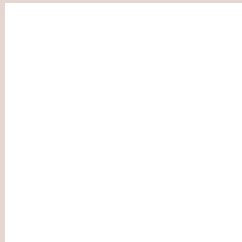
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5196, 0.3281, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 69.5196, 0.3281, 0.3345.

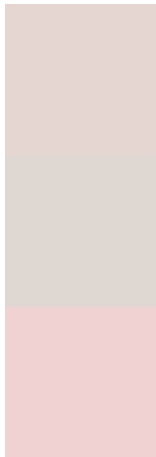


This preview shows how white text looks on a background with the Yxy color 69.5196, 0.3281, 0.3345.

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

69.5196, 0.3281, 0.3345

Protanopia

69.4529, 0.3219, 0.3356

Deuteranopia

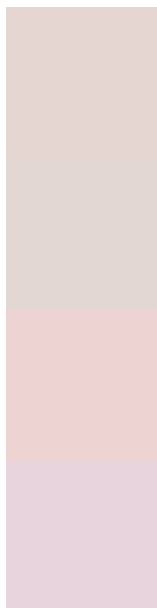
69.4471, 0.3362, 0.3291



Tritanopia

69.5136, 0.3172, 0.3110

Trichromacy



Original Color

69.5196, 0.3281, 0.3345

Protanomaly

69.4228, 0.3243, 0.3345

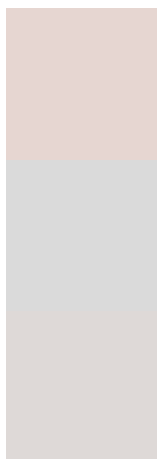
Deuteranomaly

69.2462, 0.3330, 0.3301

Tritanomaly

69.4632, 0.3213, 0.3194

Monochromacy



Original Color

69.5196, 0.3281, 0.3345

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0616, 0.3177, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5196, 0.3281, 0.3345 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(230, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(230, 214, 209)  
}
```

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(230, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.5196, 0.3281, 0.3345 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(230, 214, 209) }
```

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

```
.border{ border-color:rgb(230, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(230, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5196, 0.3281, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 214, 209) }
```

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

```
.background{ background-color: rgb(230,  
214, 209) }
```

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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