

Converting Colors

$Yxy(66.4912, 0.3296, 0.3312)$

Have a look what the booklet for
Yxy(66.4912, 0.3296, 0.3312)
contains.

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Color

Yxy(66.7639, 0.3293, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	E5D1CF
RGB	229, 209, 207
RGB Percent	90%, 82%, 81%
CMY	0.1019, 0.1804, 0.1881
CMYK	0.00, 0.09, 0.10, 0.10
HSL	5°, 30%, 85%
HSV	5°, 10%, 90%
XYZ	66.3809, 66.7639, 68.4370
YIQ	214.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

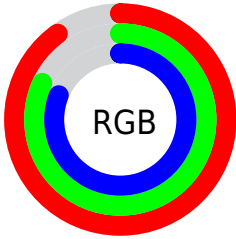
Format	Color
R _Y B	229, 209, 207
Decimal	15061455
CIE Lab	85.38, 6.61, 3.48
CIE LCh	85, 7.472, 27.771
Yxy	66.7639, 0.3293, 0.3312
Android (android.graphics.Color)	4293251535 (0xFFE5D1CF)
YUV	214.7520, -3.8217, 12.4955
Hunter-Lab	81.7092, 2.0231, 7.5370

Details

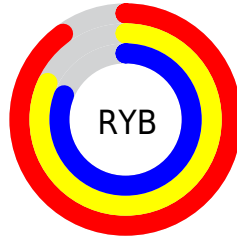
The Yxy color **66.7639, 0.3293, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.8870, 0.2979, 0.3268**, and the grayscale version is **67.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.6268, 0.3327, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **56.1571, 0.3505, 0.3337**, and if you desaturate by 10%, it is **78.8776, 0.3121, 0.3289**.

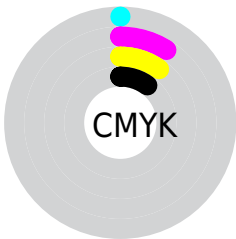
Distribution



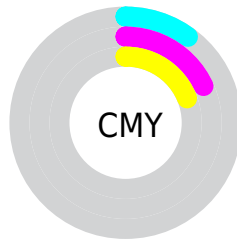
- Red (90%)
- Green (82%)
- Blue (81%)



- Red (90%)
- Yellow (82%)
- Blue (81%)



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





- Cyan (10%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7639, 0.3293, 0.3312 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 66.7639, 0.3293, 0.3312 by changing the saturation by 10% instead.

 66.7639, 0.3293,
0.3312

 66.7639, 0.3293,
0.3312


449.1039, 0.3215,
0.3302

 48.8928, 0.3311,
0.3314


114.5820, 0.3266,
0.3309

 34.5344, 0.3334,
0.3317


145.2978, 0.3255,
0.3307

 23.3045, 0.3363,
0.3320


181.0640, 0.3246,
0.3306

 14.8185, 0.3402,
0.3324

222.2649, 0.3238,
0.3305

 8.6921, 0.3456,
0.3329

269.2850, 0.3231,
0.3304

 4.5409, 0.3537,
0.3336

322.5086, 0.3225,

 1.9805, 0.3670,

0.3304

382.3201, 0.3220,
0.3303

0.3346

0.5961, 0.4209,
0.3446

0.0000, 0.0000,
0.0000

66.7639, 0.3293,
0.3312

66.7639, 0.3293,
0.3312

56.1571, 0.3505,
0.3337

78.8776, 0.3121,
0.3289

46.9899, 0.3767,
0.3362

92.5448, 0.2981,
0.3268

39.2029, 0.4085,
0.3388

95.3997, 0.2970,
0.3290

32.7291, 0.4464,
0.3410

■ 27.4961, 0.4895,
0.3425

■ 23.4243, 0.5353,
0.3428

■ 20.4250, 0.5786,
0.3415

■ 18.3963, 0.6129,
0.3384

■ 17.2118, 0.6337,
0.3346

Harmonies

Analogous

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



66.7639, 0.3232, 0.3232



66.7639, 0.3293, 0.3312



66.7639, 0.3309, 0.3388

Triad

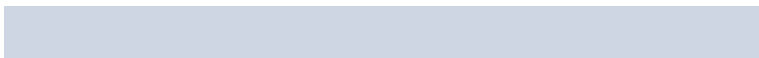
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.7639, 0.3293, 0.3312



66.7639, 0.3110, 0.3418



66.7639, 0.2980, 0.3142

Complementary

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



66.7639, 0.3293, 0.3312



73.8870, 0.2979, 0.3268

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.



66.7639, 0.2949, 0.3189



66.7639, 0.3293, 0.3312



66.7639, 0.3023, 0.3349

Square

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



66.7639, 0.3293, 0.3312



66.7639, 0.3202, 0.3451



66.7639, 0.2964, 0.3265



66.7639, 0.3051, 0.3134

Rectangle

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



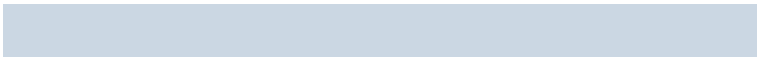
66.7639, 0.3293, 0.3312



66.7639, 0.3292, 0.3426



66.7639, 0.2964, 0.3265



66.7639, 0.2965, 0.3153

Sweetspot

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



66.7668, 0.3293, 0.3312



95.1539, 0.3176, 0.3297



66.8552, 0.3151, 0.3074



20.0961, 0.3189, 0.3299



0.0000, 0.0000, 0.0000



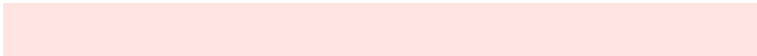
21.4041, 0.3127, 0.3290

Same Dimension

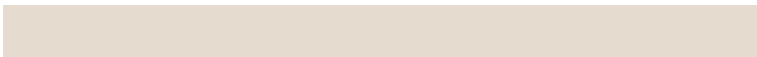
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7668, 0.3293, 0.3312



81.6803, 0.3341, 0.3318



72.2745, 0.3280, 0.3429



14.5746, 0.3290, 0.3312



9.8949, 0.6329, 0.3356



0.8031, 0.6156, 0.3494

Inverse Universe

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



73.8870, 0.2979, 0.3268



92.9133, 0.2942, 0.3262



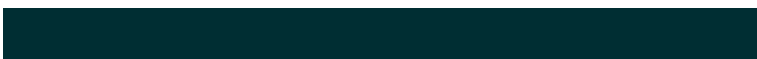
68.1352, 0.2979, 0.3147



16.1037, 0.2982, 0.3268



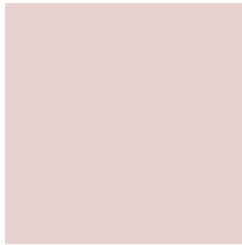
29.2502, 0.2169, 0.3007



2.2266, 0.2181, 0.3052

Previews

White Background



This preview shows how the Yxy color 66.7639, 0.3293, 0.3312 looks on a white background.

Color Contrast Check

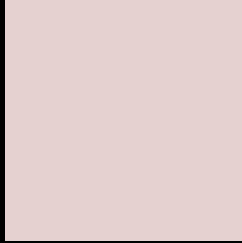
Large Text (above 18pt) WCAG AA × Fail

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 66.7639, 0.3293, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

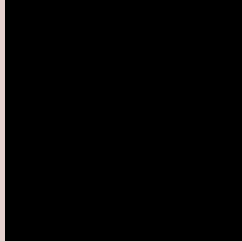
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

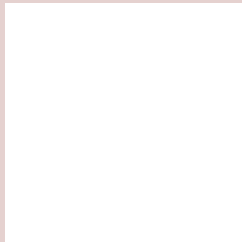
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7639, 0.3293, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 66.7639, 0.3293, 0.3312.

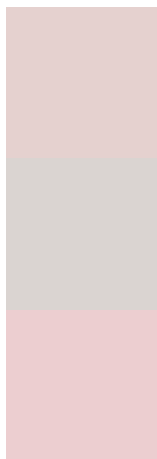


This preview shows how white text looks on a background with the Yxy color 66.7639, 0.3293, 0.3312.

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

66.7639, 0.3293, 0.3312

Protanopia

66.5958, 0.3192, 0.3324

Deuteranopia

66.5295, 0.3344, 0.3269



Tritanopia

66.9423, 0.3195, 0.3119

Trichromacy



Original Color

66.7639, 0.3293, 0.3312

Protanomaly

66.6722, 0.3230, 0.3324

Deuteranomaly

66.5034, 0.3319, 0.3280

Tritanomaly

66.9445, 0.3230, 0.3193

Monochromacy



Original Color

66.7639, 0.3293, 0.3312

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.5576, 0.3186, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7639, 0.3293, 0.3312 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(229, 209, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 207)  
}
```

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(229, 209, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.7639, 0.3293, 0.3312 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(229, 209, 207) }
```

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

```
.border{ border-color:rgb(229, 209, 207) }
```

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

Here you see how a box with a 4 pixel rgb(229, 209, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7639, 0.3293, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 207) }
```

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

```
.background{ background-color: rgb(229,  
209, 207) }
```

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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