

Converting Colors

$Yxy(64.7732, 0.3298, 0.3321)$

Have a look what the booklet for
Yxy(64.7732, 0.3298, 0.3321)
contains.

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Color

Yxy(64.6710, 0.3295, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	E2CECC
RGB	226, 206, 204
RGB Percent	89%, 81%, 80%
CMY	0.1140, 0.1921, 0.2000
CMYK	0.00, 0.09, 0.10, 0.11
HSL	6°, 27%, 84%
HSV	6°, 10%, 89%
XYZ	64.3196, 64.6710, 66.2131
YIQ	211.7520, 12.5620, 3.6180

Conversions

Conversions Part 2

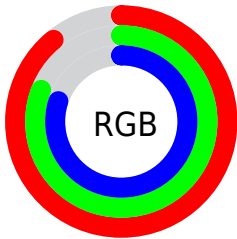
Format	Color
R _Y B	226, 206, 204
Decimal	14864076
CIE Lab	84.31, 6.59, 3.51
CIE LCh	84, 7.464, 28.066
Yxy	64.6710, 0.3295, 0.3313
Android (android.graphics.Color)	4293054156 (0xFFE2CECC)
YUV	211.7520, -3.8217, 12.4955
Hunter-Lab	80.4183, 2.0347, 7.4758

Details

The Yxy color $64.6710, 0.3295, 0.3313$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71.5851, 0.2978, 0.3267$, and the grayscale version is $65.6818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.3164, 0.3341, 0.3320$ is the 20% darker color. If you saturate the color by 10%, you get $54.4307, 0.3508, 0.3338$, and if you desaturate by 10%, it is $76.3616, 0.3123, 0.3289$.

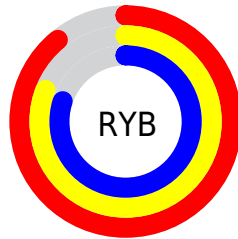
Distribution



Red (89%)

Green (81%)

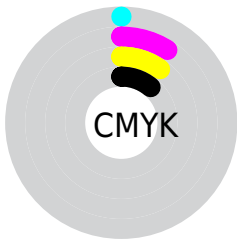
Blue (80%)



Red (89%)

Yellow (81%)

Blue (80%)

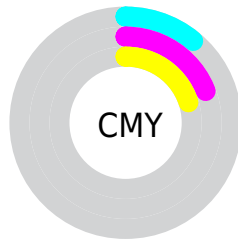


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (11%)



Cyan (11%)


Magenta (19%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.6710, 0.3295, 0.3313 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 64.6710, 0.3295, 0.3313 by changing the saturation by 10% instead.


 64.6710, 0.3295,
0.3313

 64.6710, 0.3295,
0.3313


441.6087, 0.3215,
0.3303

 47.1944, 0.3314,
0.3315


111.5767, 0.3267,
0.3309

 33.1893, 0.3337,
0.3318


141.7746, 0.3256,
0.3308

 22.2715, 0.3367,
0.3321


176.9817, 0.3247,
0.3307

 14.0565, 0.3407,
0.3326

217.5823, 0.3239,
0.3306

 8.1600, 0.3464,
0.3332

263.9610, 0.3232,
0.3305

 4.1975, 0.3549,
0.3339

316.5020, 0.3226,

 1.7846, 0.3690,

0.3304

375.5898, 0.3220,
0.3303

0.3350

0.4776, 0.4497,
0.3494

0.0000, 0.0000,
0.0000

64.6710, 0.3295,
0.3313

64.6710, 0.3295,
0.3313

54.4307, 0.3508,
0.3338

76.3616, 0.3123,
0.3289

45.5759, 0.3769,
0.3365

89.5471, 0.2983,
0.3268

38.0497, 0.4087,
0.3391

94.8993, 0.2952,
0.3289

31.7879, 0.4465,
0.3414

■ 26.7211, 0.4895,
0.3430

■ 22.7730, 0.5351,
0.3433

■ 19.8585, 0.5783,
0.3419

■ 17.8803, 0.6125,
0.3388

■ 16.7168, 0.6335,
0.3349

Harmonies

Analogous

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



64.6710, 0.3234, 0.3232



64.6710, 0.3295, 0.3313



64.6710, 0.3311, 0.3390

Triad

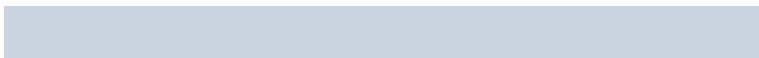
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.6710, 0.3295, 0.3313



64.6710, 0.3108, 0.3418



64.6710, 0.2979, 0.3140

Complementary

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



64.6710, 0.3295, 0.3313



71.5851, 0.2978, 0.3267

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.



64.6710, 0.2947, 0.3187



64.6710, 0.3295, 0.3313



64.6710, 0.3021, 0.3349

Square

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



64.6710, 0.3295, 0.3313



64.6710, 0.3202, 0.3452



64.6710, 0.2962, 0.3263



64.6710, 0.3051, 0.3133

Rectangle

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



64.6710, 0.3295, 0.3313



64.6710, 0.3293, 0.3428



64.6710, 0.2962, 0.3263



64.6710, 0.2964, 0.3152

Sweetspot

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



64.6738, 0.3295, 0.3313



95.1683, 0.3176, 0.3297



64.7289, 0.3151, 0.3072



20.1000, 0.3189, 0.3299



0.0000, 0.0000, 0.0000



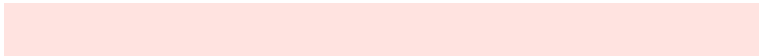
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6738, 0.3295, 0.3313



81.7314, 0.3341, 0.3319



70.0390, 0.3282, 0.3431



13.9038, 0.3290, 0.3312



9.6042, 0.6325, 0.3360



0.7369, 0.6138, 0.3509

Inverse Universe

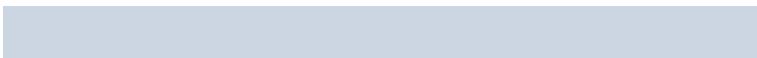
The Inverse Universe completely reimagines the original color for something new.



71.5851, 0.2978, 0.3267



92.8545, 0.2942, 0.3261



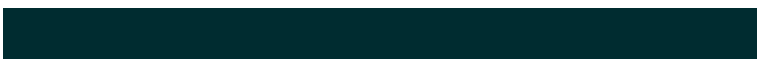
65.9815, 0.2977, 0.3145



15.3436, 0.2982, 0.3268



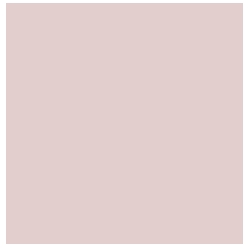
28.1487, 0.2166, 0.2998



2.0154, 0.2180, 0.3046

Previews

White Background



This preview shows how the Yxy color 64.6710, 0.3295, 0.3313 looks on a white background.

Color Contrast Check

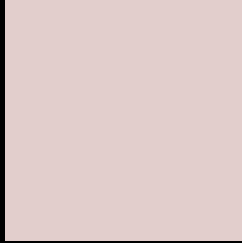
Large Text (above 18pt) WCAG AA × Fail

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 64.6710, 0.3295, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

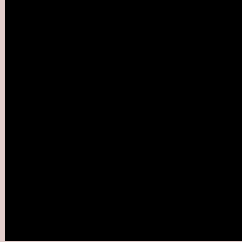
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

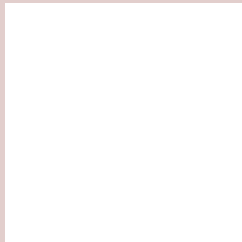
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.6710, 0.3295, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 64.6710, 0.3295, 0.3313.



This preview shows how white text looks on a background with the Yxy color 64.6710, 0.3295, 0.3313.

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

64.6710, 0.3295, 0.3313

Protanopia

64.5042, 0.3193, 0.3324

Deuteranopia

64.3951, 0.3354, 0.3280



Tritanopia

64.8470, 0.3196, 0.3117

Trichromacy



Original Color

64.6710, 0.3295, 0.3313

Protanomaly

64.5796, 0.3232, 0.3324

Deuteranomaly

64.3684, 0.3329, 0.3291

Tritanomaly

64.8486, 0.3231, 0.3192

Monochromacy



Original Color

64.6710, 0.3295, 0.3313

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.4483, 0.3187, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6710, 0.3295, 0.3313 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, 206, 204)` looks like.

```
.text, #text, p{  
    color:rgb(226, 206, 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(226, 206, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 206, 204) }
```

Border

The CSS property to change the border of an element to Yxy 64.6710, 0.3295, 0.3313 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, 206, 204) }
```

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

```
.border{ border-color:rgb(226, 206, 204) }
```

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

Here you see how a box with a 4 pixel rgb(226, 206, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 206, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 206, 204);  
box-shadow:4px 4px 4px 4px rgb(226, 206,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6710, 0.3295, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 206, 204) }
```

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

```
.background{ background-color: rgb(226,  
206, 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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