

Converting Colors

$Yxy(65.1330, 0.3296, 0.3292)$

Have a look what the booklet for
Yxy(65.1330, 0.3296, 0.3292)
contains.

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Color

Yxy(65.0928, 0.3296, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	E4CECE
RGB	228, 206, 206
RGB Percent	89%, 81%, 81%
CMY	0.1061, 0.1921, 0.1922
CMYK	0.00, 0.10, 0.10, 0.11
HSL	0°, 29%, 85%
HSV	0°, 10%, 89%
XYZ	65.1917, 65.0928, 67.5058
YIQ	212.5780, 13.1120, 4.6640

Conversions

Conversions Part 2

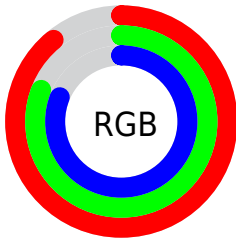
Format	Color
R _Y B	228, 206, 206
Decimal	14995150
CIE Lab	84.53, 7.62, 2.79
CIE LCh	85, 8.118, 20.111
Yxy	65.0928, 0.3296, 0.3291
Android (android.graphics.Color)	4293185230 (0xFFE4CECE)
YUV	212.5780, -3.2430, 13.5251
Hunter-Lab	80.6801, 3.0426, 6.8675

Details

The Yxy color **65.0928, 0.3296, 0.3291** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.1481, 0.2979, 0.3289**, and the grayscale version is **66.2556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4941, 0.3331, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **53.8950, 0.3515, 0.3292**, and if you desaturate by 10%, it is **78.0417, 0.3121, 0.3290**.

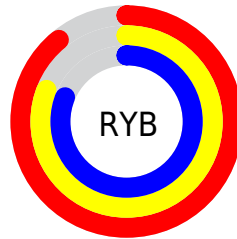
Distribution



Red (89%)

Green (81%)

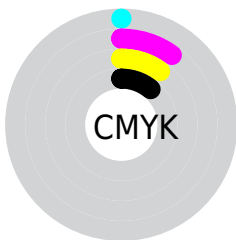
Blue (81%)



Red (89%)

Yellow (81%)

Blue (81%)

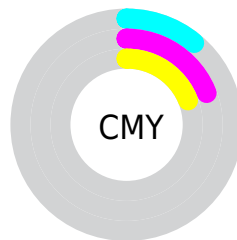


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (11%)



Cyan (11%)


Magenta (19%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0928, 0.3296, 0.3291 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 65.0928, 0.3296, 0.3291 by changing the saturation by 10% instead.


 65.0928, 0.3296,
0.3291

 65.0928, 0.3296,
0.3291


443.1254, 0.3216,
0.3291

 47.5363, 0.3315,
0.3291


112.1833, 0.3268,
0.3291

 33.4598, 0.3338,
0.3291


142.4861, 0.3257,
0.3291

 22.4789, 0.3368,
0.3290


177.8064, 0.3248,
0.3291

 14.2092, 0.3409,
0.3289

218.5287, 0.3240,
0.3291

 8.2663, 0.3465,
0.3288

265.0374, 0.3233,
0.3291

 4.2658, 0.3549,
0.3285

317.7168, 0.3226,

 1.8234, 0.3690,

0.3291

0.3279

376.9513, 0.3221,
0.3291

0.5017, 0.4374,
0.3310

0.0000, 0.0000,
0.0000

65.0928, 0.3296,
0.3291

65.0928, 0.3296,
0.3291

53.8950, 0.3515,
0.3292

78.0417, 0.3121,
0.3290

44.3651, 0.3788,
0.3294

92.8031, 0.2982,
0.3289

36.4259, 0.4125,
0.3295

95.2252, 0.2964,
0.3290

29.9907, 0.4529,
0.3297

■ 24.9649, 0.4990,
0.3299

■ 21.2428, 0.5471,
0.3300

■ 18.7039, 0.5910,
0.3301

■ 17.2057, 0.6229,
0.3301

■ 16.5158, 0.6395,
0.3301

Harmonies

Analogous

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



65.0928, 0.3219, 0.3206



65.0928, 0.3296, 0.3291



65.0928, 0.3327, 0.3378

Triad

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



65.0928, 0.3296, 0.3291



65.0928, 0.3134, 0.3444



65.0928, 0.2953, 0.3137

Complementary

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



65.0928, 0.3296, 0.3291



74.1481, 0.2979, 0.3289

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.



65.0928, 0.2931, 0.3198



65.0928, 0.3296, 0.3291



65.0928, 0.3035, 0.3377

Square

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



65.0928, 0.3296, 0.3291



65.0928, 0.3233, 0.3468



65.0928, 0.2961, 0.3286



65.0928, 0.3021, 0.3117

Rectangle

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



65.0928, 0.3296, 0.3291



65.0928, 0.3318, 0.3425



65.0928, 0.2961, 0.3286



65.0928, 0.2940, 0.3153

Sweetspot

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



65.0957, 0.3296, 0.3291



94.7431, 0.3176, 0.3290



66.2158, 0.3138, 0.3054



19.9859, 0.3190, 0.3290



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.



65.0957, 0.3296, 0.3291



80.2263, 0.3345, 0.3291



70.5467, 0.3283, 0.3410



14.3730, 0.3293, 0.3291



9.5327, 0.6399, 0.3301



0.7062, 0.6394, 0.3305

Inverse Universe

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



74.1481, 0.2979, 0.3289



94.6085, 0.2943, 0.3289



68.3235, 0.2978, 0.3167



16.3307, 0.2982, 0.3289



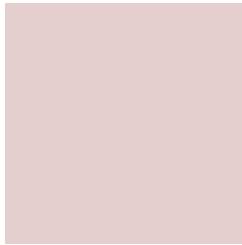
35.1186, 0.2245, 0.3281



2.5969, 0.2245, 0.3282

Previews

White Background



This preview shows how the Yxy color 65.0928, 0.3296, 0.3291 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 65.0928, 0.3296, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

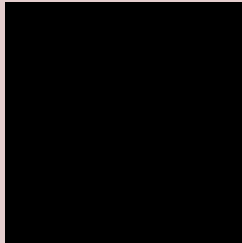
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

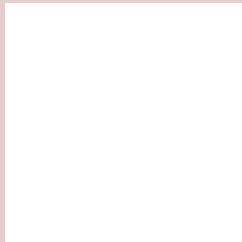
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0928, 0.3296, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 65.0928, 0.3296, 0.3291.



This preview shows how white text looks on a background with the Yxy color 65.0928, 0.3296, 0.3291.

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

65.0928, 0.3296, 0.3291

Protanopia

65.0943, 0.3178, 0.3313

Deuteranopia

64.9656, 0.3338, 0.3269



Tritanopia

65.1760, 0.3212, 0.3117

Trichromacy



Original Color

65.0928, 0.3296, 0.3291

Protanomaly

65.3216, 0.3224, 0.3313

Deuteranomaly

65.1078, 0.3321, 0.3280

Tritanomaly

65.2270, 0.3239, 0.3182

Monochromacy



Original Color

65.0928, 0.3296, 0.3291

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.6518, 0.3187, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0928, 0.3296, 0.3291 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(228, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(228, 206, 206)  
}
```

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(228, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 206, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.0928, 0.3296, 0.3291 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(228, 206, 206) }
```

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

```
.border{ border-color:rgb(228, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(228, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(228, 206,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0928, 0.3296, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 206, 206) }
```

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

```
.background{ background-color: rgb(228,  
206, 206) }
```

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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