

Converting Colors

$Y_{xy}(66.0070, 0.3243, 0.3225)$

Have a look what the booklet for
Yxy(66.0070, 0.3243, 0.3225)
contains.

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Color

Yxy(65.9237, 0.3244, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	E4CFD5
RGB	228, 207, 213
RGB Percent	89%, 81%, 84%
CMY	0.1060, 0.1882, 0.1647
CMYK	0.00, 0.09, 0.07, 0.11
HSL	343°, 28%, 85%
HSV	343°, 9%, 89%
XYZ	66.3121, 65.9237, 72.1788
YIQ	213.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

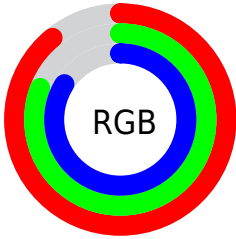
Format	Color
R _Y B	228, 207, 213
Decimal	14995413
CIE Lab	84.96, 8.30, -0.32
CIE LCh	85, 8.305, 357.778
Yxy	65.9237, 0.3244, 0.3225
Android (android.graphics.Color)	4293185493 (0xFFE4CFD5)
YUV	213.9630, -0.4748, 12.3104
Hunter-Lab	81.1934, 3.6956, 4.1282

Details

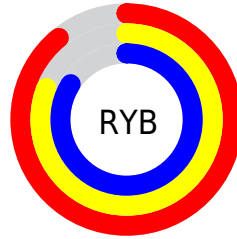
The Yxy color **65.9237, 0.3244, 0.3225** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.0151, 0.3022, 0.3356**, and the grayscale version is **67.2168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.1353, 0.3282, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **54.8790, 0.3399, 0.3150**, and if you desaturate by 10%, it is **78.6522, 0.3118, 0.3295**.

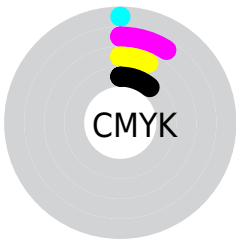
Distribution



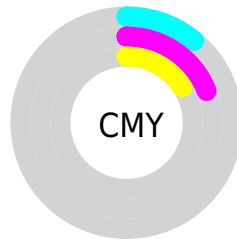
- Red (89%)
- Green (81%)
- Blue (84%)



- Red (89%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9237, 0.3244, 0.3225 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 65.9237, 0.3244, 0.3225 by changing the saturation by 10% instead.

 65.9237, 0.3244,
0.3225

 65.9237, 0.3244,
0.3225

446.1040, 0.3189,
0.3256

 48.2105, 0.3257,
0.3218


113.3768, 0.3225,
0.3236

 33.9936, 0.3273,
0.3209


143.8855, 0.3217,
0.3240

 22.8887, 0.3293,
0.3198


179.4281, 0.3211,
0.3243

 14.5113, 0.3321,
0.3182

220.3890, 0.3205,
0.3247

 8.4772, 0.3358,
0.3161

267.1527, 0.3200,
0.3249

 4.4018, 0.3415,
0.3130

320.1035, 0.3196,

 1.9007, 0.3507,

0.3252

0.3079

379.6258, 0.3192,
0.3254

0.5488, 0.3826,
0.2899

0.0000, 0.0000,
0.0000

65.9237, 0.3244,
0.3225

65.9237, 0.3244,
0.3225

54.8790, 0.3399,
0.3150

78.6522, 0.3118,
0.3295

45.4389, 0.3589,
0.3072

93.1221, 0.3015,
0.3361

37.5309, 0.3821,
0.2995

95.2303, 0.2964,
0.3290

31.0734, 0.4097,
0.2924

■ 25.9772, 0.4420,
0.2868

■ 22.1430, 0.4779,
0.2837

■ 19.4583, 0.5155,
0.2844

■ 17.7896, 0.5514,
0.2896

■ 16.9282, 0.5823,
0.2987

Harmonies

Analogous

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



65.9237, 0.3145, 0.3153



65.9237, 0.3244, 0.3225



65.9237, 0.3312, 0.3314

Triad

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



65.9237, 0.3244, 0.3225



65.9237, 0.3211, 0.3470



65.9237, 0.2928, 0.3177

Complementary

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



65.9237, 0.3244, 0.3225



74.0151, 0.3022, 0.3356

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.



65.9237, 0.2945, 0.3261



65.9237, 0.3244, 0.3225



65.9237, 0.3107, 0.3433

Square

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



65.9237, 0.3244, 0.3225



65.9237, 0.3293, 0.3457



65.9237, 0.3011, 0.3356



65.9237, 0.2963, 0.3125

Rectangle

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



65.9237, 0.3244, 0.3225



65.9237, 0.3331, 0.3373



65.9237, 0.3011, 0.3356



65.9237, 0.2928, 0.3202

Sweetspot

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



65.9266, 0.3244, 0.3225



94.8687, 0.3163, 0.3269



65.7128, 0.3091, 0.3062



20.0196, 0.3173, 0.3264



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.



65.9266, 0.3244, 0.3225



82.1666, 0.3271, 0.3211



67.6871, 0.3283, 0.3336



14.4353, 0.3248, 0.3223



9.7629, 0.5807, 0.2973



0.7371, 0.5390, 0.2743

Inverse Universe

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



65.9266, 0.3244, 0.3225



82.1666, 0.3271, 0.3211



72.0631, 0.2985, 0.3243



14.4353, 0.3248, 0.3223



9.7629, 0.5807, 0.2973



0.7371, 0.5390, 0.2743

Previews

White Background



This preview shows how the Yxy color 65.9237, 0.3244, 0.3225 looks on a white background.

Color Contrast Check

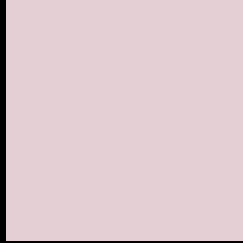
Large Text (above 18pt) WCAG AA × Fail

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 65.9237, 0.3244, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

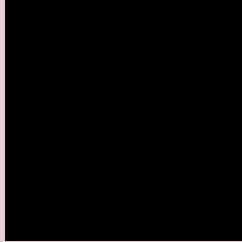
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

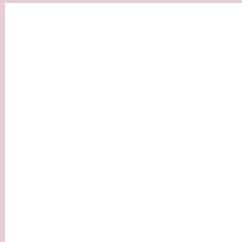
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9237, 0.3244, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 65.9237, 0.3244, 0.3225.



This preview shows how white text looks on a background with the Yxy color 65.9237, 0.3244, 0.3225.

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

65.9237, 0.3244, 0.3225

Protanopia

65.9419, 0.3129, 0.3245

Deuteranopia

66.1025, 0.3276, 0.3215



Tritanopia

66.0746, 0.3188, 0.3118

Trichromacy



Original Color

65.9237, 0.3244, 0.3225

Protanomaly

66.1639, 0.3174, 0.3246

Deuteranomaly

65.9356, 0.3268, 0.3215

Tritanomaly

65.9151, 0.3210, 0.3150

Monochromacy



Original Color

65.9237, 0.3244, 0.3225

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.5036, 0.3166, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9237, 0.3244, 0.3225 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, 207, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 207, 213)  
}
```

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, 207, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 207, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.9237, 0.3244, 0.3225 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, 207, 213) }
```

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

```
.border{ border-color:rgb(228, 207, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 207, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 207, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 207, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 207,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9237, 0.3244, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 207, 213) }
```

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

```
.background{ background-color: rgb(228,  
207, 213) }
```

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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