

Converting Colors

$Yxy(67.0022, 0.3307, 0.3205)$

Have a look what the booklet for
Yxy(67.0022, 0.3307, 0.3205)
contains.

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Color

Yxy(67.0022, 0.3307, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	EDCED6
RGB	237, 206, 214
RGB Percent	93%, 81%, 84%
CMY	0.0706, 0.1921, 0.1607
CMYK	0.00, 0.13, 0.10, 0.07
HSL	344°, 46%, 87%
HSV	344°, 13%, 93%
XYZ	69.1346, 67.0022, 72.9185
YIQ	216.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

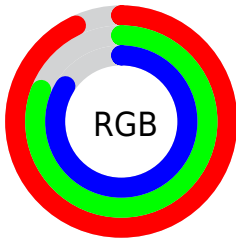
Format	Color
R _Y B	237, 206, 214
Decimal	15584982
CIE Lab	85.51, 12.14, 0.03
CIE LCh	86, 12.143, 0.134
Yxy	67.0022, 0.3307, 0.3205
Android (android.graphics.Color)	4293775062 (0xFFEDCED6)
YUV	216.1810, -1.0752, 18.2583
Hunter-Lab	81.8549, 7.5149, 4.4813

Details

The Yxy color $67.0022, 0.3307, 0.3205$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.3452, 0.2974, 0.3377$, and the grayscale version is $68.8006, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.7834, 0.3355, 0.3194$ is the 20% darker color. If you saturate the color by 10%, you get $55.5911, 0.3482, 0.3136$, and if you desaturate by 10%, it is $80.2365, 0.3165, 0.3271$.

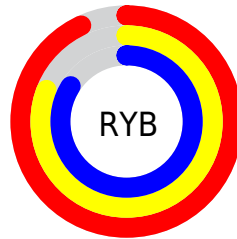
Distribution



Red (93%)

Green (81%)

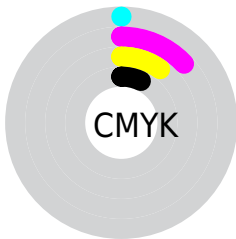
Blue (84%)



Red (93%)

Yellow (81%)

Blue (84%)

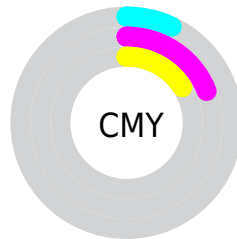


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0022, 0.3307, 0.3205 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 67.0022, 0.3307, 0.3205 by changing the saturation by 10% instead.


 67.0022, 0.3307,
0.3205

 67.0022, 0.3307,
0.3205


449.9526, 0.3222,
0.3245

 49.0864, 0.3327,
0.3196


114.9236, 0.3277,
0.3219

 34.6880, 0.3351,
0.3184


145.6979, 0.3266,
0.3224

 23.4227, 0.3382,
0.3169


181.5273, 0.3256,
0.3229

 14.9059, 0.3424,
0.3150

222.7960, 0.3248,
0.3233

 8.7534, 0.3482,
0.3122

269.8885, 0.3240,
0.3237

 4.5807, 0.3567,
0.3082

323.1892, 0.3234,

 2.0034, 0.3706,

0.3240

0.3016

383.0824, 0.3228,
0.3243

0.6094, 0.4080,
0.2838

0.0000, 0.0000,
0.0000

67.0022, 0.3307,
0.3205

67.0022, 0.3307,
0.3205

55.5911, 0.3482,
0.3136

80.2365, 0.3165,
0.3271

45.9145, 0.3696,
0.3065

95.3601, 0.3050,
0.3332

37.8897, 0.3957,
0.2996

96.7439, 0.3017,
0.3290

31.4234, 0.4266,
0.2937

■ 26.4132, 0.4620,
0.2895

■ 22.7443, 0.5005,
0.2883

■ 20.2844, 0.5391,
0.2910

■ 18.8736, 0.5738,
0.2981

■ 18.3438, 0.5940,
0.3046

Harmonies

Analogous

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



67.0022, 0.3164, 0.3099



67.0022, 0.3307, 0.3205



67.0022, 0.3402, 0.3334

Triad

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



67.0022, 0.3307, 0.3205



67.0022, 0.3237, 0.3552



67.0022, 0.2841, 0.3116

Complementary

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



67.0022, 0.3307, 0.3205



79.3452, 0.2974, 0.3377

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.



67.0022, 0.2859, 0.3236



67.0022, 0.3307, 0.3205



67.0022, 0.3086, 0.3492

Square

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



67.0022, 0.3307, 0.3205



67.0022, 0.3360, 0.3536



67.0022, 0.2948, 0.3375



67.0022, 0.2896, 0.3047

Rectangle

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



67.0022, 0.3307, 0.3205



67.0022, 0.3425, 0.3418



67.0022, 0.2948, 0.3375



67.0022, 0.2839, 0.3152

Sweetspot

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



67.0052, 0.3307, 0.3205



93.1863, 0.3177, 0.3265



66.8735, 0.3082, 0.2961



19.6800, 0.3187, 0.3260



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.



67.0052, 0.3307, 0.3205



74.8770, 0.3355, 0.3185



70.1681, 0.3356, 0.3368



15.1180, 0.3252, 0.3229



10.0335, 0.5899, 0.3024



0.8032, 0.5508, 0.2808

Inverse Universe

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



67.0052, 0.3307, 0.3205



74.8770, 0.3355, 0.3185



75.6999, 0.2925, 0.3211



15.1180, 0.3252, 0.3229



10.0335, 0.5899, 0.3024



0.8032, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 67.0022, 0.3307, 0.3205 looks on a white background.

Color Contrast Check

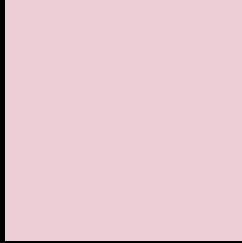
Large Text (above 18pt) WCAG AA × Fail

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 67.0022, 0.3307, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

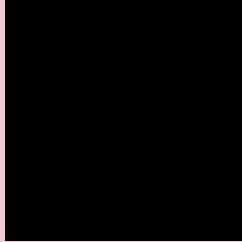
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.0022, 0.3307, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 67.0022, 0.3307, 0.3205.



This preview shows how white text looks on a background with the Yxy color 67.0022, 0.3307, 0.3205.

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

67.0022, 0.3307, 0.3205

Protanopia

67.2494, 0.3115, 0.3234

Deuteranopia

66.9731, 0.3283, 0.3215



Tritanopia

67.0602, 0.3265, 0.3121

Trichromacy



Original Color

67.0022, 0.3307, 0.3205

Protanomaly

66.9502, 0.3183, 0.3214

Deuteranomaly

67.1429, 0.3291, 0.3215

Tritanomaly

66.9017, 0.3287, 0.3153

Monochromacy



Original Color

67.0022, 0.3307, 0.3205

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.8406, 0.3195, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0022, 0.3307, 0.3205 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(237, 206, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 214)  
}
```

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(237, 206, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 214) }
```

Border

The CSS property to change the border of an element to Yxy 67.0022, 0.3307, 0.3205 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(237, 206, 214) }
```

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

```
.border{ border-color:rgb(237, 206, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0022, 0.3307, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 214) }
```

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

```
.background{ background-color: rgb(237,  
206, 214) }
```

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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