

Converting Colors

Yxy(68.1889, 0.3311, 0.3234)

Have a look what the booklet for
Yxy(68.1889, 0.3311, 0.3234)
contains.

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Color

Yxy(67.9713, 0.3305, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	EDD0D6
RGB	237, 208, 214
RGB Percent	93%, 82%, 84%
CMY	0.0706, 0.1843, 0.1609
CMYK	0.00, 0.12, 0.10, 0.07
HSL	348°, 45%, 87%
HSV	348°, 12%, 93%
XYZ	69.6142, 67.9713, 73.0476
YIQ	217.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

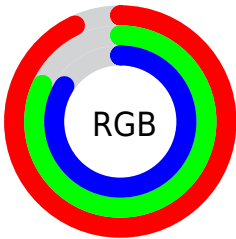
Format	Color
RYB	237, 208, 214
Decimal	15585494
CIELab	85.99, 11.08, 0.76
CIELCh	86, 11.108, 3.949
Yxy	67.9713, 0.3305, 0.3227
Android (android.graphics.Color)	4293775574 (0xFFEDD0D6)
YUV	217.3550, -1.6540, 17.2287
Hunter-Lab	82.4447, 6.4427, 5.1792

Details

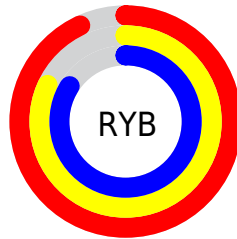
The Yxy color $67.9713, 0.3305, 0.3227$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.7497, 0.2975, 0.3354$, and the grayscale version is $69.6483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4382, 0.3352, 0.3221$ is the 20% darker color. If you saturate the color by 10%, you get $56.3608, 0.3489, 0.3172$, and if you desaturate by 10%, it is $81.4258, 0.3156, 0.3279$.

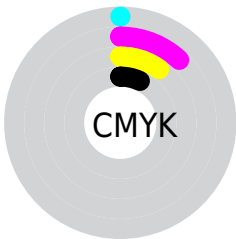
Distribution



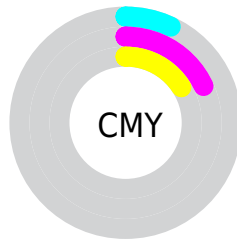
- Red (93%)
- Green (82%)
- Blue (84%)



- Red (93%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (7%)




- Cyan (7%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9713, 0.3305, 0.3227 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 67.9713, 0.3305, 0.3227 by changing the saturation by 10% instead.


 67.9713, 0.3305,
0.3227

 67.9713, 0.3305,
0.3227

453.3943, 0.3222,
0.3257

 49.8744, 0.3324,
0.3220


116.3111, 0.3276,
0.3237

 35.3136, 0.3348,
0.3211


147.3227, 0.3265,
0.3242

 23.9045, 0.3379,
0.3200


183.4081, 0.3255,
0.3245

 15.2628, 0.3420,
0.3185

224.9516, 0.3246,
0.3248

 9.0041, 0.3477,
0.3165

272.3375, 0.3239,
0.3251

 4.7438, 0.3560,
0.3134

325.9504, 0.3233,

 2.0978, 0.3696,

0.3253

0.3084

386.1745, 0.3227,
0.3255

0.6634, 0.4038,
0.2969

0.0000, 0.0000,
0.0000

67.9713, 0.3305,
0.3227

67.9713, 0.3305,
0.3227

56.3608, 0.3489,
0.3172

81.4258, 0.3156,
0.3279

46.5050, 0.3716,
0.3116

96.5285, 0.3036,
0.3323

38.3211, 0.3993,
0.3061

96.7440, 0.3017,
0.3290

31.7157, 0.4323,
0.3014

■ 26.5862, 0.4702,
0.2982

■ 22.8182, 0.5114,
0.2976

■ 20.2798, 0.5521,
0.3003

■ 18.8129, 0.5877,
0.3066

■ 18.2234, 0.6093,
0.3130

Harmonies

Analogous

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



67.9713, 0.3178, 0.3126



67.9713, 0.3305, 0.3227



67.9713, 0.3384, 0.3345

Triad

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



67.9713, 0.3305, 0.3227



67.9713, 0.3210, 0.3524



67.9713, 0.2869, 0.3121

Complementary

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



67.9713, 0.3305, 0.3227



79.7497, 0.2975, 0.3354

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.



67.9713, 0.2877, 0.3226



67.9713, 0.3305, 0.3227



67.9713, 0.3072, 0.3463

Square

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



67.9713, 0.3305, 0.3227



67.9713, 0.3328, 0.3520



67.9713, 0.2951, 0.3352



67.9713, 0.2928, 0.3064

Rectangle

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



67.9713, 0.3305, 0.3227



67.9713, 0.3398, 0.3420



67.9713, 0.2951, 0.3352



67.9713, 0.2864, 0.3152

Sweetspot

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



67.9743, 0.3305, 0.3227



93.1529, 0.3181, 0.3270



68.1729, 0.3095, 0.2984



19.6716, 0.3191, 0.3266



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.



67.9743, 0.3305, 0.3227



76.1721, 0.3353, 0.3212



71.7848, 0.3337, 0.3378



15.1047, 0.3261, 0.3242



9.9648, 0.6057, 0.3110



0.7961, 0.5681, 0.2903

Inverse Universe

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



67.9743, 0.3305, 0.3227



76.1721, 0.3353, 0.3212



75.4449, 0.2938, 0.3200



15.1047, 0.3261, 0.3242



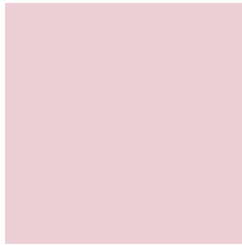
9.9648, 0.6057, 0.3110



0.7961, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 67.9713, 0.3305, 0.3227 looks on a white background.

Color Contrast Check

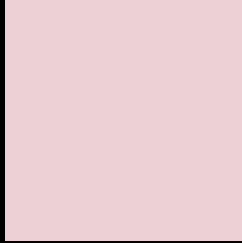
Large Text (above 18pt) WCAG AA × Fail

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 67.9713, 0.3305, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

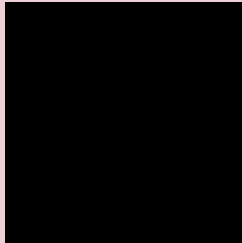
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9713, 0.3305, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 67.9713, 0.3305, 0.3227.



This preview shows how white text looks on a background with the Yxy color 67.9713, 0.3305, 0.3227.

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

67.9713, 0.3305, 0.3227

Protanopia

68.0083, 0.3136, 0.3257

Deuteranopia

67.7997, 0.3297, 0.3226



Tritanopia

68.1305, 0.3248, 0.3122

Trichromacy



Original Color

67.9713, 0.3305, 0.3227

Protanomaly

68.0524, 0.3196, 0.3247

Deuteranomaly

67.7997, 0.3297, 0.3226

Tritanomaly

67.9701, 0.3270, 0.3153

Monochromacy



Original Color

67.9713, 0.3305, 0.3227

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.8983, 0.3187, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9713, 0.3305, 0.3227 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, 208, 214)` looks like.

```
.text, #text, p{  
    color:rgb(237, 208, 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, 208, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 208, 214) }
```

Border

The CSS property to change the border of an element to Yxy 67.9713, 0.3305, 0.3227 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, 208, 214) }
```

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

```
.border{ border-color:rgb(237, 208, 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, 208, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 208, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 208, 214);  
box-shadow:4px 4px 4px 4px rgb(237, 208,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9713, 0.3305, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 208, 214) }
```

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

```
.background{ background-color: rgb(237,  
208, 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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