

Converting Colors

Yxy(66.6765, 0.3397, 0.3244)

Have a look what the booklet for
Yxy(66.6765, 0.3397, 0.3244)
contains.

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Color

Yxy(66.7945, 0.3402, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F3CCD0
RGB	243, 204, 208
RGB Percent	95%, 80%, 82%
CMY	0.0470, 0.2000, 0.1845
CMYK	0.00, 0.16, 0.14, 0.05
HSL	354°, 62%, 88%
HSV	354°, 16%, 95%
XYZ	69.9399, 66.7945, 68.8503
YIQ	216.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

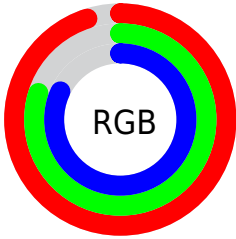
Format	Color
R _Y B	243, 204, 208
Decimal	15977680
CIE Lab	85.40, 14.34, 3.16
CIE LCh	85, 14.680, 12.446
Yxy	66.7945, 0.3402, 0.3249
Android (android.graphics.Color)	4294167760 (0xFFFF3CCD0)
YUV	216.1170, -4.0017, 23.5764
Hunter-Lab	81.7279, 9.7304, 7.2616

Details

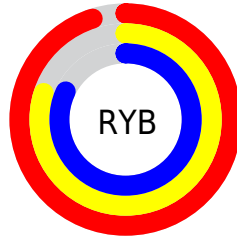
The Yxy color **66.7945, 0.3402, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1860, 0.2906, 0.3332**, and the grayscale version is **68.7710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5849, 0.3461, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **55.1304, 0.3629, 0.3222**, and if you desaturate by 10%, it is **80.4150, 0.3220, 0.3275**.

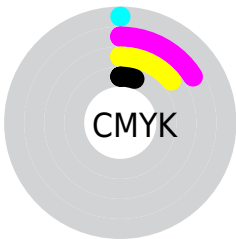
Distribution



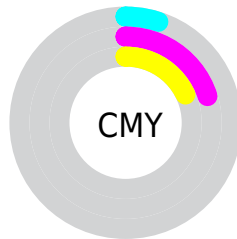
- Red (95%)
- Green (80%)
- Blue (82%)



- Red (95%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (5%)




- Cyan (5%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7945, 0.3402, 0.3249 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 66.7945, 0.3402, 0.3249 by changing the saturation by 10% instead.

 66.7945, 0.3402,
0.3249

 66.7945, 0.3402,
0.3249


449.2129, 0.3272,
0.3269

 48.9176, 0.3432,
0.3244

114.6259, 0.3356,
0.3256

 34.5542, 0.3470,
0.3238


145.3492, 0.3339,
0.3259

 23.3196, 0.3519,
0.3229


181.1235, 0.3324,
0.3261

 14.8297, 0.3583,
0.3218

222.3331, 0.3311,
0.3263

 8.7000, 0.3673,
0.3202

269.3625, 0.3299,
0.3265

 4.5460, 0.3806,
0.3176


322.5960, 0.3289,

 1.9834, 0.4024,

0.3267

0.3130


382.4180, 0.3280,
0.3268


 0.5978, 0.4725,
0.3069

 0.0000, 0.0000,
0.0000


 66.7945, 0.3402,
0.3249


 66.7945, 0.3402,
0.3249


 55.1304, 0.3629,
0.3222


 80.4150, 0.3220,
0.3275

 45.3243, 0.3910,
0.3195

 96.0665, 0.3073,
0.3299

 37.2830, 0.4252,
0.3170

 97.7979, 0.3054,
0.3290

 30.9014, 0.4654,
0.3152

■ 26.0635, 0.5100,
0.3145

■ 22.6380, 0.5552,
0.3156

■ 20.4722, 0.5949,
0.3186

■ 19.3771, 0.6230,
0.3232

■ 19.1264, 0.6306,
0.3247

Harmonies

Analogous

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



66.7945, 0.3246, 0.3107



66.7945, 0.3402, 0.3249



66.7945, 0.3483, 0.3405

Triad

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



66.7945, 0.3402, 0.3249



66.7945, 0.3185, 0.3589



66.7945, 0.2799, 0.3036

Complementary

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



66.7945, 0.3402, 0.3249



83.1860, 0.2906, 0.3332

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.



66.7945, 0.2784, 0.3158



66.7945, 0.3402, 0.3249



66.7945, 0.3003, 0.3484

Square

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



66.7945, 0.3402, 0.3249



66.7945, 0.3354, 0.3607



66.7945, 0.2858, 0.3323



66.7945, 0.2899, 0.2985

Rectangle

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



66.7945, 0.3402, 0.3249



66.7945, 0.3482, 0.3498



66.7945, 0.2858, 0.3323



66.7945, 0.2784, 0.3070

Sweetspot

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



66.7975, 0.3402, 0.3249



91.4170, 0.3203, 0.3278



67.9179, 0.3112, 0.2888



19.3187, 0.3214, 0.3276



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.



66.7975, 0.3402, 0.3249



70.3939, 0.3465, 0.3241



74.0597, 0.3407, 0.3448



16.5098, 0.3278, 0.3266



10.5044, 0.6284, 0.3235



0.9322, 0.6047, 0.3105

Inverse Universe

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



66.7975, 0.3402, 0.3249



70.3939, 0.3465, 0.3241



74.8315, 0.2877, 0.3127



16.5098, 0.3278, 0.3266



10.5044, 0.6284, 0.3235



0.9322, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 66.7945, 0.3402, 0.3249 looks on a white background.

Color Contrast Check

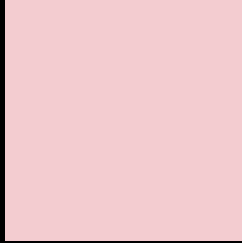
Large Text (above 18pt) WCAG AA × Fail

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 66.7945, 0.3402, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

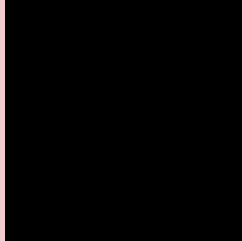
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7945, 0.3402, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 66.7945, 0.3402, 0.3249.



This preview shows how white text looks on a background with the Yxy color 66.7945, 0.3402, 0.3249.

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

66.7945, 0.3402, 0.3249

Protanopia

67.1443, 0.3157, 0.3290

Deuteranopia

66.9635, 0.3350, 0.3291



Tritanopia

66.5361, 0.3337, 0.3123

Trichromacy



Original Color

66.7945, 0.3402, 0.3249

Protanomaly

66.9651, 0.3240, 0.3279

Deuteranomaly

66.9983, 0.3375, 0.3280

Tritanomaly

66.8000, 0.3365, 0.3175

Monochromacy



Original Color

66.7945, 0.3402, 0.3249

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.0598, 0.3224, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7945, 0.3402, 0.3249 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(243, 204, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 204, 208)  
}
```

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(243, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 204, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.7945, 0.3402, 0.3249 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(243, 204, 208) }
```

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

```
.border{ border-color:rgb(243, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(243, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 204,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7945, 0.3402, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 204, 208) }
```

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

```
.background{ background-color: rgb(243,  
204, 208) }
```

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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