

Converting Colors

$Yxy(66.5020, 0.3402, 0.3242)$

Have a look what the booklet for
Yxy(66.5020, 0.3402, 0.3242)
contains.

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Color

Yxy(66.3206, 0.3403, 0.3238)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3CBD0 |
| RGB | 243, 203, 208 |
| RGB Percent | 95%, 80%, 82% |
| CMY | 0.0471, 0.2039, 0.1843 |
| CMYK | 0.00, 0.16, 0.14, 0.05 |
| HSL | 353°, 62%, 87% |
| HSV | 353°, 16%, 95% |
| XYZ | 69.7001, 66.3206, 68.7989 |
| YIQ | 215.5300, 22.2350, 10.0350 |

Conversions

Conversions Part 2

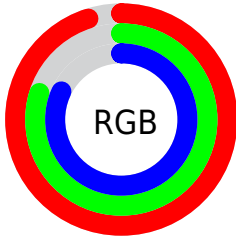
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 243, 203, 208 |
| Decimal | 15977424 |
| CIE _{Lab} | 85.16, 14.85, 2.79 |
| CIE _{LCh} | 85, 15.115, 10.646 |
| Yxy | 66.3206, 0.3403, 0.3238 |
| Android (android.graphics.Color) | 4294167504 (0xFFFF3CBD0) |
| YUV | 215.5300, -3.7123, 24.0912 |
| Hunter-Lab | 81.4375, 10.2578, 6.9176 |

Details

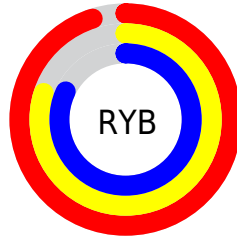
The Yxy color **66.3206, 0.3403, 0.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9668, 0.2906, 0.3343**, and the grayscale version is **68.3486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.2671, 0.3463, 0.3222** is the 20% darker color. If you saturate the color by 10%, you get **54.7537, 0.3626, 0.3204**, and if you desaturate by 10%, it is **79.8324, 0.3224, 0.3270**.

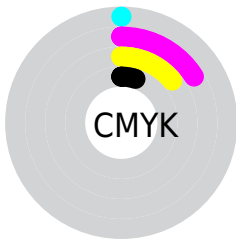
Distribution



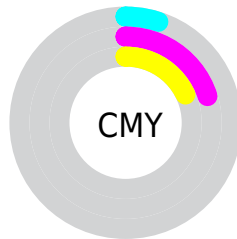
- Red (95%)
- Green (80%)
- Blue (82%)



- 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 66.3206, 0.3403, 0.3238 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 66.3206, 0.3403, 0.3238 by changing the saturation by 10% instead.


 66.3206, 0.3403,
0.3238

 66.3206, 0.3403,
0.3238


447.5226, 0.3273,
0.3263

 48.5327, 0.3433,
0.3232


113.9464, 0.3357,
0.3247

 34.2489, 0.3472,
0.3224


144.5530, 0.3340,
0.3251

 23.0849, 0.3520,
0.3214

180.2014, 0.3324,
0.3254

 14.6562, 0.3585,
0.3200

221.2758, 0.3311,
0.3256

 8.5785, 0.3676,
0.3180

268.1608, 0.3300,
0.3258

 4.4673, 0.3810,
0.3150

321.2406, 0.3290,

 1.9382, 0.4031,

0.3260

380.8998, 0.3281,
0.3262

0.3096

0.5712, 0.4762,
0.2998

0.0000, 0.0000,
0.0000

66.3206, 0.3403,
0.3238

66.3206, 0.3403,
0.3238

54.7537, 0.3626,
0.3204

79.8324, 0.3224,
0.3270

45.0338, 0.3901,
0.3171

95.3637, 0.3080,
0.3300

37.0678, 0.4236,
0.3140

97.7930, 0.3054,
0.3290

30.7509, 0.4629,
0.3117

■ 25.9671, 0.5065,
0.3108

■ 22.5856, 0.5510,
0.3119

■ 20.4531, 0.5907,
0.3155

■ 19.3791, 0.6195,
0.3210

■ 19.1483, 0.6270,
0.3227

Harmonies

Analogous

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



66.3206, 0.3239, 0.3094



66.3206, 0.3403, 0.3238



66.3206, 0.3492, 0.3399

Triad

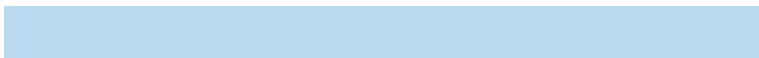
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.3206, 0.3403, 0.3238



66.3206, 0.3198, 0.3603



66.3206, 0.2785, 0.3034

Complementary

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



66.3206, 0.3403, 0.3238



82.9668, 0.2906, 0.3343

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.



66.3206, 0.2776, 0.3163



66.3206, 0.3403, 0.3238



66.3206, 0.3010, 0.3499

Square

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



66.3206, 0.3403, 0.3238



66.3206, 0.3371, 0.3615



66.3206, 0.2857, 0.3335



66.3206, 0.2883, 0.2976

Rectangle

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



66.3206, 0.3403, 0.3238



66.3206, 0.3496, 0.3496



66.3206, 0.2857, 0.3335



66.3206, 0.2772, 0.3070

Sweetspot

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



66.3236, 0.3403, 0.3238



91.4351, 0.3201, 0.3275



67.3055, 0.3107, 0.2877



19.3231, 0.3212, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

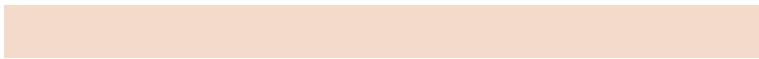
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3236, 0.3403, 0.3238



69.1169, 0.3478, 0.3226



73.3369, 0.3416, 0.3445



16.5161, 0.3274, 0.3261



10.5206, 0.6244, 0.3213



0.9352, 0.5972, 0.3063

Inverse Universe

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



66.3236, 0.3403, 0.3238



69.1169, 0.3478, 0.3226



74.8376, 0.2871, 0.3130



16.5161, 0.3274, 0.3261



10.5206, 0.6244, 0.3213



0.9352, 0.5972, 0.3063

Previews

White Background



This preview shows how the Yxy color 66.3206, 0.3403, 0.3238 looks on a white background.

Color Contrast Check

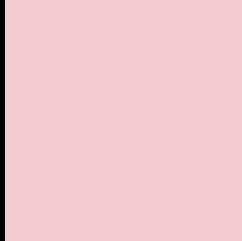
Large Text (above 18pt) WCAG AA × Fail

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 66.3206, 0.3403, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

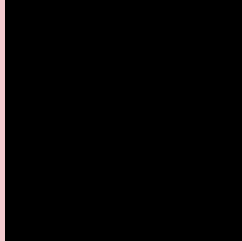
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3206, 0.3403, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 66.3206, 0.3403, 0.3238.



This preview shows how white text looks on a background with the Yxy color 66.3206, 0.3403, 0.3238.

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

66.3206, 0.3403, 0.3238

Protanopia

66.6428, 0.3157, 0.3279

Deuteranopia

66.3098, 0.3343, 0.3280



Tritanopia

66.4839, 0.3344, 0.3133

Trichromacy



Original Color

66.3206, 0.3403, 0.3238

Protanomaly

66.4728, 0.3241, 0.3268

Deuteranomaly

66.3448, 0.3368, 0.3269

Tritanomaly

66.3292, 0.3367, 0.3165

Monochromacy



Original Color

66.3206, 0.3403, 0.3238

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.5614, 0.3225, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3206, 0.3403, 0.3238 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, 203, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 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, 203, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 208) }
```

Border

The CSS property to change the border of an element to Yxy 66.3206, 0.3403, 0.3238 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, 203, 208) }
```

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

```
.border{ border-color:rgb(243, 203, 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, 203, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 208);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3206, 0.3403, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 208) }
```

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

```
.background{ background-color: rgb(243,  
203, 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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