

Converting Colors

$Y_{xy}(62.7751, 0.3355, 0.3183)$

Have a look what the booklet for
Yxy(62.7751, 0.3355, 0.3183)
contains.

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Color

Yxy(62.7751, 0.3355, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	ECC6D0
RGB	236, 198, 208
RGB Percent	93%, 78%, 82%
CMY	0.0745, 0.2235, 0.1845
CMYK	0.00, 0.16, 0.12, 0.07
HSL	344°, 50%, 85%
HSV	344°, 16%, 93%
XYZ	66.1673, 62.7751, 68.2775
YIQ	210.5020, 19.4380, 11.1660

Conversions

Conversions Part 2

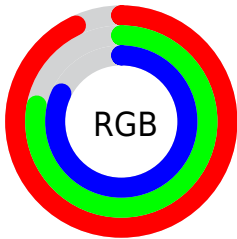
Format	Color
R _Y B	236, 198, 208
Decimal	15517392
CIE Lab	83.32, 15.02, 0.06
CIE LCh	83, 15.017, 0.235
Yxy	62.7751, 0.3355, 0.3183
Android (android.graphics.Color)	4293707472 (0xFFECC6D0)
YUV	210.5020, -1.2335, 22.3617
Hunter-Lab	79.2307, 10.4154, 4.3680

Details

The Yxy color **62.7751, 0.3355, 0.3183** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4923, 0.2940, 0.3400**, and the grayscale version is **64.7950, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9829, 0.3411, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **52.0052, 0.3540, 0.3112**, and if you desaturate by 10%, it is **75.3257, 0.3205, 0.3251**.

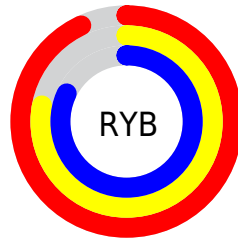
Distribution



Red (93%)

Green (78%)

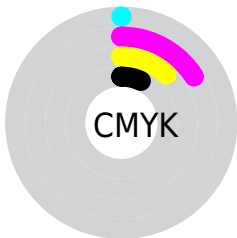
Blue (82%)



Red (93%)

Yellow (78%)

Blue (82%)

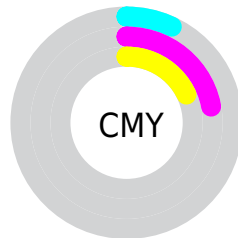


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (22%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7751, 0.3355, 0.3183 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 62.7751, 0.3355, 0.3183 by changing the saturation by 10% instead.

 62.7751, 0.3355,
0.3183

 62.7751, 0.3355,
0.3183

434.7528, 0.3247,
0.3234

 45.6593, 0.3381,
0.3171

108.8450, 0.3317,
0.3201

 31.9770, 0.3412,
0.3156

138.5679, 0.3302,
0.3208

 21.3440, 0.3454,
0.3137


173.2619, 0.3290,
0.3214

 13.3757, 0.3509,
0.3111

213.3114, 0.3279,
0.3219

 7.6877, 0.3586,
0.3074

259.1009, 0.3269,
0.3223

 3.8958, 0.3702,
0.3019

311.0147, 0.3261,

 1.6154, 0.3897,

0.3227

0.2927

369.4372, 0.3253,
0.3231

0.3680, 0.4838,
0.2485

0.0000, 0.0000,
0.0000

62.7751, 0.3355,
0.3183

62.7751, 0.3355,
0.3183

52.0052, 0.3540,
0.3112

75.3257, 0.3205,
0.3251

42.9270, 0.3767,
0.3040

89.7240, 0.3083,
0.3314

35.4563, 0.4040,
0.2973

96.5730, 0.3011,
0.3290

29.4985, 0.4362,
0.2917

■ 24.9489, 0.4726,
0.2882

■ 21.6895, 0.5113,
0.2881

■ 19.5825, 0.5491,
0.2921

■ 18.4578, 0.5818,
0.3003

■ 18.1788, 0.5929,
0.3040

Harmonies

Analogous

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



62.7751, 0.3173, 0.3051



62.7751, 0.3355, 0.3183



62.7751, 0.3476, 0.3344

Triad

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



62.7751, 0.3355, 0.3183



62.7751, 0.3264, 0.3622



62.7751, 0.2767, 0.3069

Complementary

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



62.7751, 0.3355, 0.3183



77.4923, 0.2940, 0.3400

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.



62.7751, 0.2790, 0.3219



62.7751, 0.3355, 0.3183



62.7751, 0.3073, 0.3547

Square

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



62.7751, 0.3355, 0.3183



62.7751, 0.3421, 0.3601



62.7751, 0.2901, 0.3397



62.7751, 0.2837, 0.2983

Rectangle

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



62.7751, 0.3355, 0.3183



62.7751, 0.3504, 0.3449



62.7751, 0.2901, 0.3397



62.7751, 0.2764, 0.3113

Sweetspot

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



62.7779, 0.3355, 0.3183



91.5418, 0.3190, 0.3258



62.5967, 0.3069, 0.2882



19.3489, 0.3200, 0.3253



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.



62.7779, 0.3355, 0.3183



70.7950, 0.3406, 0.3162



66.4756, 0.3417, 0.3387



15.1188, 0.3252, 0.3229



10.0384, 0.5889, 0.3018



0.8037, 0.5496, 0.2801

Inverse Universe

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



62.7779, 0.3355, 0.3183



70.7950, 0.3406, 0.3162



73.0761, 0.2879, 0.3191



15.1188, 0.3252, 0.3229



10.0384, 0.5889, 0.3018



0.8037, 0.5496, 0.2801

Previews

White Background



This preview shows how the Yxy color 62.7751, 0.3355, 0.3183 looks on a white background.

Color Contrast Check

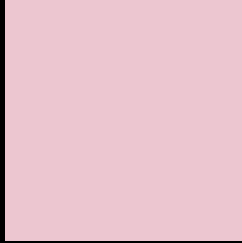
Large Text (above 18pt) WCAG AA × Fail

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 62.7751, 0.3355, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

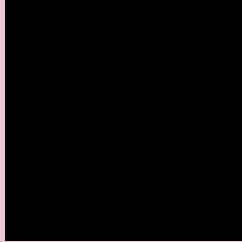
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7751, 0.3355, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 62.7751, 0.3355, 0.3183.



This preview shows how white text looks on a background with the Yxy color 62.7751, 0.3355, 0.3183.

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

62.7751, 0.3355, 0.3183

Protanopia

63.1314, 0.3108, 0.3222

Deuteranopia

62.7723, 0.3295, 0.3224



Tritanopia

62.7411, 0.3325, 0.3119

Trichromacy



Original Color

62.7751, 0.3355, 0.3183

Protanomaly

62.9489, 0.3192, 0.3212

Deuteranomaly

62.8025, 0.3320, 0.3214

Tritanomaly

62.6402, 0.3341, 0.3140

Monochromacy



Original Color

62.7751, 0.3355, 0.3183

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.0114, 0.3205, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7751, 0.3355, 0.3183 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(236, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(236, 198, 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(236, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 198, 208) }
```

Border

The CSS property to change the border of an element to Yxy 62.7751, 0.3355, 0.3183 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(236, 198, 208) }
```

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

```
.border{ border-color:rgb(236, 198, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 198, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(236, 198,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7751, 0.3355, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 198, 208) }
```

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

```
.background{ background-color: rgb(236,  
198, 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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