

Converting Colors

$Yxy(63.3352, 0.3393, 0.3239)$

Have a look what the booklet for
Yxy(63.3352, 0.3393, 0.3239)
contains.

Yxy(63.2110, 0.3392, 0.3237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.2110, 0.3392, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	EDC7CC
RGB	237, 199, 204
RGB Percent	93%, 78%, 80%
CMY	0.0707, 0.2195, 0.2000
CMYK	0.00, 0.16, 0.14, 0.07
HSL	352°, 51%, 85%
HSV	352°, 16%, 93%
XYZ	66.2378, 63.2110, 65.8277
YIQ	210.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

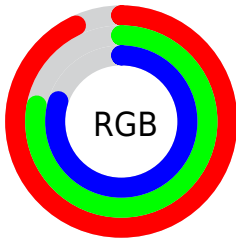
Format	Color
R _Y B	237, 199, 204
Decimal	15583180
CIE Lab	83.55, 14.19, 2.53
CIE LCh	84, 14.409, 10.111
Yxy	63.2110, 0.3392, 0.3237
Android (android.graphics.Color)	4293773260 (0xFFEDC7CC)
YUV	210.9320, -3.4175, 22.8616
Hunter-Lab	79.5053, 9.5782, 6.5637

Details

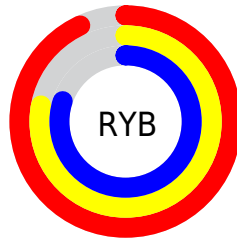
The Yxy color **63.2110, 0.3392, 0.3237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5202, 0.2913, 0.3344**, and the grayscale version is **65.1061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2766, 0.3461, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **52.2200, 0.3611, 0.3202**, and if you desaturate by 10%, it is **76.0363, 0.3216, 0.3271**.

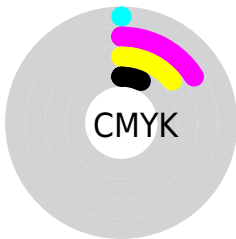
Distribution



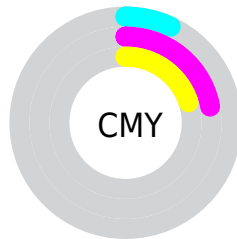
- Red (93%)
- Green (78%)
- Blue (80%)



- Red (93%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2110, 0.3392, 0.3237 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 63.2110, 0.3392, 0.3237 by changing the saturation by 10% instead.

 63.2110, 0.3392,
0.3237

 63.2110, 0.3392,
0.3237


436.3348, 0.3266,
0.3263

 46.0119, 0.3422,
0.3231


109.4739, 0.3347,
0.3246

 32.2552, 0.3459,
0.3223


139.3064, 0.3330,
0.3250

 21.5565, 0.3507,
0.3212


174.1190, 0.3316,
0.3253

 13.5314, 0.3572,
0.3198

214.2959, 0.3303,
0.3256

 7.7955, 0.3662,
0.3177

260.2215, 0.3292,
0.3258

 3.9644, 0.3799,
0.3145

312.2803, 0.3282,

 1.6536, 0.4028,

0.3260

0.3087

370.8566, 0.3274,
0.3262

0.3934, 0.5276,
0.2882

0.0000, 0.0000,
0.0000

63.2110, 0.3392,
0.3237

63.2110, 0.3392,
0.3237

52.2200, 0.3611,
0.3202

76.0363, 0.3216,
0.3271

42.9713, 0.3881,
0.3166

90.7654, 0.3074,
0.3302

35.3780, 0.4209,
0.3134

96.7388, 0.3017,
0.3290

29.3419, 0.4596,
0.3109

■ 24.7549, 0.5028,
0.3098

■ 21.4947, 0.5471,
0.3108

■ 19.4189, 0.5871,
0.3143

■ 18.3519, 0.6170,
0.3200

■ 18.0979, 0.6257,
0.3220

Harmonies

Analogous

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



63.2110, 0.3232, 0.3098



63.2110, 0.3392, 0.3237



63.2110, 0.3480, 0.3393

Triad

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



63.2110, 0.3392, 0.3237



63.2110, 0.3199, 0.3594



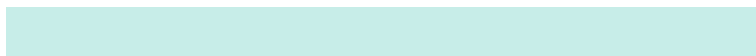
63.2110, 0.2795, 0.3043

Complementary

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



63.2110, 0.3392, 0.3237



78.5202, 0.2913, 0.3344

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.



63.2110, 0.2787, 0.3170



63.2110, 0.3392, 0.3237



63.2110, 0.3017, 0.3495

Square

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



63.2110, 0.3392, 0.3237



63.2110, 0.3366, 0.3604



63.2110, 0.2867, 0.3337



63.2110, 0.2888, 0.2986

Rectangle

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



63.2110, 0.3392, 0.3237



63.2110, 0.3484, 0.3488



63.2110, 0.2867, 0.3337



63.2110, 0.2782, 0.3079

Sweetspot

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



63.2138, 0.3392, 0.3237



91.4399, 0.3200, 0.3274



64.1088, 0.3108, 0.2889



19.3242, 0.3211, 0.3272



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.



63.2138, 0.3392, 0.3237



70.4665, 0.3454, 0.3226



69.6785, 0.3407, 0.3440



15.0861, 0.3272, 0.3259



9.8945, 0.6230, 0.3205



0.7872, 0.5917, 0.3033

Inverse Universe

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



63.2138, 0.3392, 0.3237



70.4665, 0.3454, 0.3226



71.0610, 0.2878, 0.3135



15.0861, 0.3272, 0.3259



9.8945, 0.6230, 0.3205



0.7872, 0.5917, 0.3033

Previews

White Background



This preview shows how the Yxy color 63.2110, 0.3392, 0.3237 looks on a white background.

Color Contrast Check

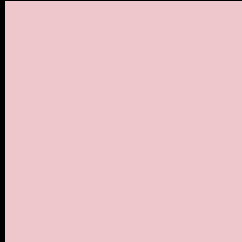
Large Text (above 18pt) WCAG AA × Fail

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 63.2110, 0.3392, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

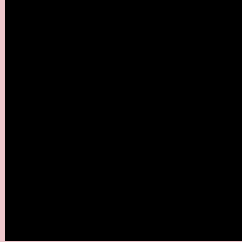
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2110, 0.3392, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 63.2110, 0.3392, 0.3237.



This preview shows how white text looks on a background with the Yxy color 63.2110, 0.3392, 0.3237.

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

63.2110, 0.3392, 0.3237

Protanopia

63.2261, 0.3151, 0.3267

Deuteranopia

63.3759, 0.3340, 0.3280



Tritanopia

63.3694, 0.3332, 0.3130

Trichromacy



Original Color

63.2110, 0.3392, 0.3237

Protanomaly

63.0629, 0.3237, 0.3257

Deuteranomaly

63.4087, 0.3365, 0.3269

Tritanomaly

63.2185, 0.3355, 0.3162

Monochromacy



Original Color

63.2110, 0.3392, 0.3237

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.3954, 0.3219, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2110, 0.3392, 0.3237 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, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 204)  
}
```

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, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 204) }
```

Border

The CSS property to change the border of an element to Yxy 63.2110, 0.3392, 0.3237 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, 199, 204) }
```

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

```
.border{ border-color:rgb(237, 199, 204) }
```

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

Here you see how a box with a 4 pixel rgb(237, 199, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(237, 199,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2110, 0.3392, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 204) }
```

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

```
.background{ background-color: rgb(237,  
199, 204) }
```

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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