

Converting Colors

Yxy(62.7778, 0.3407, 0.3290)

Have a look what the booklet for
Yxy(62.7778, 0.3407, 0.3290)
contains.

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Color

Yxy(62.6325, 0.3415, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	EBC7C7
RGB	235, 199, 199
RGB Percent	92%, 78%, 78%
CMY	0.0784, 0.2196, 0.2196
CMYK	0.00, 0.15, 0.15, 0.08
HSL	0°, 47%, 85%
HSV	0°, 15%, 92%
XYZ	64.9924, 62.6325, 62.6896
YIQ	209.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

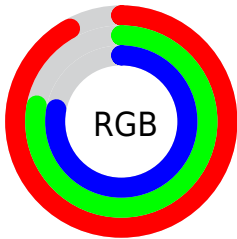
Format	Color
R _Y B	235, 199, 199
Decimal	15452103
CIE Lab	83.25, 12.70, 4.74
CIE LCh	83, 13.557, 20.445
Yxy	62.6325, 0.3415, 0.3291
Android (android.graphics.Color)	4293642183 (0xFFEBC7C7)
YUV	209.7640, -5.3067, 22.1320
Hunter-Lab	79.1407, 8.0926, 8.4332

Details

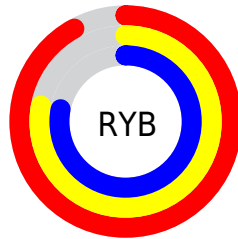
The Yxy color **62.6325, 0.3415, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5474, 0.2895, 0.3289**, and the grayscale version is **64.3122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8788, 0.3492, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **51.6385, 0.3664, 0.3292**, and if you desaturate by 10%, it is **75.4691, 0.3216, 0.3290**.

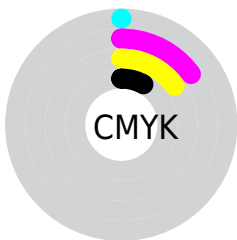
Distribution



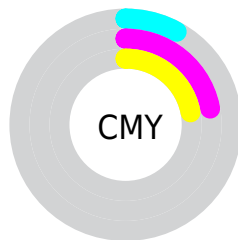
- Red (92%)
- Green (78%)
- Blue (78%)



- Red (92%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6325, 0.3415, 0.3291 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 62.6325, 0.3415, 0.3291 by changing the saturation by 10% instead.


 62.6325, 0.3415,
0.3291

 62.6325, 0.3415,
0.3291

434.2345, 0.3277,
0.3292

 45.5440, 0.3448,
0.3290


108.6391, 0.3366,
0.3292

 31.8861, 0.3488,
0.3289


138.3261, 0.3348,
0.3292

 21.2745, 0.3541,
0.3288


172.9812, 0.3332,
0.3292

 13.3248, 0.3612,
0.3285

212.9890, 0.3318,
0.3292

 7.6526, 0.3712,
0.3281

258.7338, 0.3306,
0.3292

 3.8735, 0.3864,
0.3271

310.6001, 0.3295,

 1.6030, 0.4119,

0.3292

368.9722, 0.3286,
0.3292

0.3249

0.3596, 0.6081,
0.3355

0.0000, 0.0000,
0.0000

62.6325, 0.3415,
0.3291

62.6325, 0.3415,
0.3291

51.6385, 0.3664,
0.3292

75.4691, 0.3216,
0.3290

42.3945, 0.3974,
0.3293

90.2183, 0.3057,
0.3290

34.8130, 0.4351,
0.3294

96.4025, 0.3005,
0.3290

28.7952, 0.4792,
0.3296

■ 24.2322, 0.5272,
0.3297

■ 21.0010, 0.5739,
0.3298

■ 18.9583, 0.6116,
0.3299

■ 17.9281, 0.6339,
0.3300

■ 17.6649, 0.6400,
0.3300

Harmonies

Analogous

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



62.6325, 0.3283, 0.3150



62.6325, 0.3415, 0.3291



62.6325, 0.3467, 0.3436

Triad

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



62.6325, 0.3415, 0.3291



62.6325, 0.3135, 0.3553



62.6325, 0.2835, 0.3030

Complementary

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



62.6325, 0.3415, 0.3291



77.5474, 0.2895, 0.3289

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.



62.6325, 0.2798, 0.3130



62.6325, 0.3415, 0.3291



62.6325, 0.2969, 0.3436

Square

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



62.6325, 0.3415, 0.3291



62.6325, 0.3303, 0.3593



62.6325, 0.2847, 0.3279



62.6325, 0.2948, 0.3001

Rectangle

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



62.6325, 0.3415, 0.3291



62.6325, 0.3450, 0.3516



62.6325, 0.2847, 0.3279



62.6325, 0.2813, 0.3056

Sweetspot

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



62.6353, 0.3415, 0.3291



91.3425, 0.3211, 0.3290



64.5030, 0.3145, 0.2911



19.3007, 0.3223, 0.3290



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.



62.6353, 0.3415, 0.3291



71.5287, 0.3478, 0.3291



71.4092, 0.3385, 0.3484



15.0552, 0.3293, 0.3291



9.8316, 0.6400, 0.3300



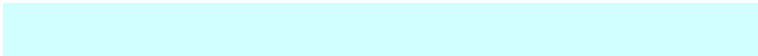
0.7724, 0.6399, 0.3301

Inverse Universe

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



77.5474, 0.2895, 0.3289



92.2965, 0.2855, 0.3289



67.7626, 0.2887, 0.3088



17.1207, 0.2981, 0.3289



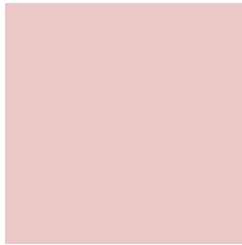
36.3727, 0.2246, 0.3286



2.8565, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 62.6325, 0.3415, 0.3291 looks on a white background.

Color Contrast Check

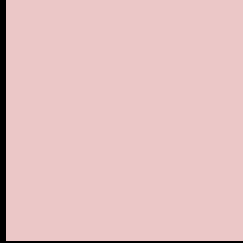
Large Text (above 18pt) WCAG AA × Fail

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 62.6325, 0.3415, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

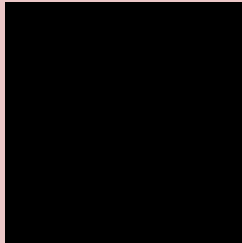
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6325, 0.3415, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 62.6325, 0.3415, 0.3291.

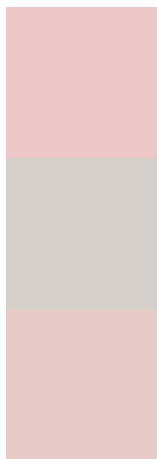


This preview shows how white text looks on a background with the Yxy color 62.6325, 0.3415, 0.3291.

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

62.6325, 0.3415, 0.3291

Protanopia

62.9345, 0.3193, 0.3336

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

62.6905, 0.3333, 0.3129

Trichromacy



Original Color

62.6325, 0.3415, 0.3291

Protanomaly

62.6656, 0.3266, 0.3313

Deuteranomaly

62.5879, 0.3389, 0.3302

Tritanomaly

62.7260, 0.3362, 0.3193

Monochromacy



Original Color

62.6325, 0.3415, 0.3291

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.6589, 0.3227, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6325, 0.3415, 0.3291 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(235, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 199)  
}
```

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(235, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.6325, 0.3415, 0.3291 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(235, 199, 199) }
```

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

```
.border{ border-color:rgb(235, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 199, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 199, 199); box-shadow:4px 4px 4px 4px rgb(235, 199, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6325, 0.3415, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 199) }
```

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

```
.background{ background-color: rgb(235,  
199, 199) }
```

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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