

Converting Colors

$Y_{xy}(65.8899, 0.3325, 0.3181)$

Have a look what the booklet for
Yxy(65.8899, 0.3325, 0.3181)
contains.

Yxy(65.7441, 0.3319, 0.3173)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7441, 0.3319, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	EECB D6
RGB	238, 203, 214
RGB Percent	93%, 80%, 84%
CMY	0.0664, 0.2040, 0.1608
CMYK	0.00, 0.15, 0.10, 0.07
HSL	341°, 51%, 86%
HSV	341°, 15%, 93%
XYZ	68.7692, 65.7441, 72.6853
YIQ	214.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

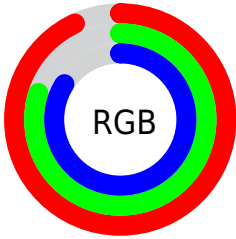
Format	Color
R _Y B	238, 203, 214
Decimal	15649750
CIE Lab	84.87, 14.11, -0.89
CIE LCh	85, 14.133, 356.401
Yxy	65.7441, 0.3319, 0.3173
Android (android.graphics.Color)	4293839830 (0xFFEECBD6)
YUV	214.7190, -0.3545, 20.4174
Hunter-Lab	81.0827, 9.4975, 3.6084

Details

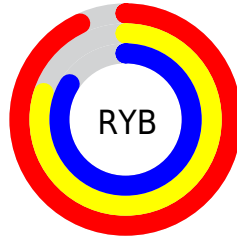
The Yxy color $65.7441, 0.3319, 0.3173$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.4284, 0.2966, 0.3410$, and the grayscale version is $67.7544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.9432, 0.3371, 0.3152$ is the 20% darker color. If you saturate the color by 10%, you get $54.5613, 0.3486, 0.3088$, and if you desaturate by 10%, it is $78.7427, 0.3183, 0.3254$.

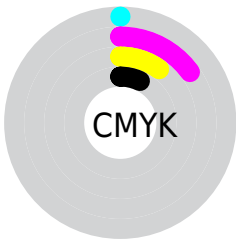
Distribution



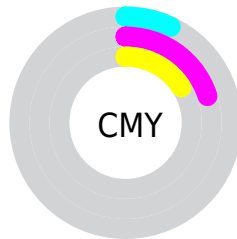
- Red (93%)
- Green (80%)
- Blue (84%)



- Red (93%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7441, 0.3319, 0.3173 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 65.7441, 0.3319, 0.3173 by changing the saturation by 10% instead.


 65.7441, 0.3319,
0.3173

 65.7441, 0.3319,
0.3173


445.4611, 0.3229,
0.3228

 48.0647, 0.3340,
0.3160


113.1190, 0.3287,
0.3192

 33.8781, 0.3366,
0.3144


143.5832, 0.3275,
0.3200

 22.8000, 0.3400,
0.3124


179.0779, 0.3265,
0.3206

 14.4459, 0.3444,
0.3097

219.9874, 0.3256,
0.3212

 8.4314, 0.3506,
0.3060

266.6960, 0.3248,
0.3216

 4.3722, 0.3598,
0.3005

319.5883, 0.3241,

 1.8839, 0.3749,

0.3221

0.2915

379.0485, 0.3234,
0.3225

0.5387, 0.4191,
0.2636

0.0000, 0.0000,
0.0000

65.7441, 0.3319,
0.3173

65.7441, 0.3319,
0.3173

54.5613, 0.3486,
0.3088

78.7427, 0.3183,
0.3254

45.1047, 0.3690,
0.3002

93.6242, 0.3072,
0.3329

37.2899, 0.3936,
0.2920

96.9281, 0.3024,
0.3290

31.0223, 0.4225,
0.2848

■ 26.1972, 0.4555,
0.2799

■ 22.6969, 0.4912,
0.2783

■ 20.3850, 0.5270,
0.2812

■ 19.0946, 0.5598,
0.2889

■ 18.6932, 0.5751,
0.2942

Harmonies

Analogous

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



65.7441, 0.3147, 0.3056



65.7441, 0.3319, 0.3173



65.7441, 0.3441, 0.3321

Triad

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



65.7441, 0.3319, 0.3173



65.7441, 0.3275, 0.3600



65.7441, 0.2791, 0.3100

Complementary

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



65.7441, 0.3319, 0.3173



79.4284, 0.2966, 0.3410

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.



65.7441, 0.2823, 0.3246



65.7441, 0.3319, 0.3173



65.7441, 0.3100, 0.3541

Square

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



65.7441, 0.3319, 0.3173



65.7441, 0.3414, 0.3570



65.7441, 0.2935, 0.3409



65.7441, 0.2845, 0.3012

Rectangle

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



65.7441, 0.3319, 0.3173



65.7441, 0.3475, 0.3421



65.7441, 0.2935, 0.3409



65.7441, 0.2792, 0.3144

Sweetspot

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



65.7470, 0.3319, 0.3173



93.2215, 0.3174, 0.3259



65.2039, 0.3062, 0.2916



19.6889, 0.3183, 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.



65.7470, 0.3319, 0.3173



72.2658, 0.3371, 0.3145



68.3035, 0.3392, 0.3360



15.8407, 0.3244, 0.3216



10.4433, 0.5711, 0.2920



0.8861, 0.5339, 0.2715

Inverse Universe

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



65.7470, 0.3319, 0.3173



72.2658, 0.3371, 0.3145



76.3770, 0.2901, 0.3219



15.8407, 0.3244, 0.3216



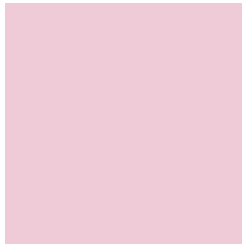
10.4433, 0.5711, 0.2920



0.8861, 0.5339, 0.2715

Previews

White Background



This preview shows how the Yxy color 65.7441, 0.3319, 0.3173 looks on a white background.

Color Contrast Check

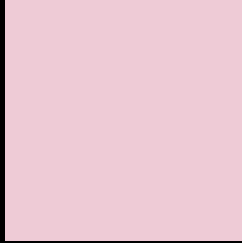
Large Text (above 18pt) WCAG AA × Fail

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 65.7441, 0.3319, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

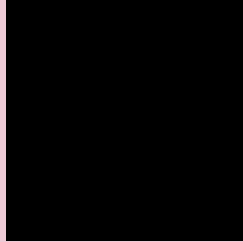
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7441, 0.3319, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 65.7441, 0.3319, 0.3173.



This preview shows how white text looks on a background with the Yxy color 65.7441, 0.3319, 0.3173.

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

65.7441, 0.3319, 0.3173

Protanopia

65.9991, 0.3095, 0.3201

Deuteranopia

65.6735, 0.3270, 0.3193



Tritanopia

65.6537, 0.3298, 0.3121

Trichromacy



Original Color

65.7441, 0.3319, 0.3173

Protanomaly

65.8095, 0.3177, 0.3191

Deuteranomaly

65.5332, 0.3286, 0.3183

Tritanomaly

65.6015, 0.3305, 0.3131

Monochromacy



Original Color

65.7441, 0.3319, 0.3173

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.1828, 0.3189, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7441, 0.3319, 0.3173 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(238, 203, 214)` looks like.

```
.text, #text, p{  
    color:rgb(238, 203, 214)  
}
```

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(238, 203, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 203, 214) }
```

Border

The CSS property to change the border of an element to Yxy 65.7441, 0.3319, 0.3173 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(238, 203, 214) }
```

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

```
.border{ border-color:rgb(238, 203, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 203, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 203, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 203, 214);  
box-shadow:4px 4px 4px 4px rgb(238, 203,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7441, 0.3319, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 203, 214) }
```

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

```
.background{ background-color: rgb(238,  
203, 214) }
```

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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