

Converting Colors

Yxy(60.9214, 0.3368, 0.3150)

Have a look what the booklet for
Yxy(60.9214, 0.3368, 0.3150)
contains.

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Color

Yxy(60.9214, 0.3368, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	ECC2CF
RGB	236, 194, 207
RGB Percent	93%, 76%, 81%
CMY	0.0746, 0.2391, 0.1883
CMYK	0.00, 0.18, 0.12, 0.07
HSL	341°, 52%, 84%
HSV	341°, 18%, 93%
XYZ	65.1375, 60.9214, 67.3423
YIQ	208.0400, 20.8590, 12.9470

Conversions

Conversions Part 2

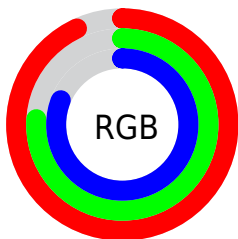
Format	Color
R _Y B	236, 194, 207
Decimal	15516367
CIE Lab	82.34, 16.96, -0.86
CIE LCh	82, 16.984, 357.112
Yxy	60.9214, 0.3368, 0.3150
Android (android.graphics.Color)	4293706447 (0xFFECC2CF)
YUV	208.0400, -0.5127, 24.5209
Hunter-Lab	78.0522, 12.3739, 3.4819

Details

The Yxy color **60.9214, 0.3368, 0.3150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7766, 0.2933, 0.3435**, and the grayscale version is **63.0967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.7594, 0.3430, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **50.4830, 0.3547, 0.3066**, and if you desaturate by 10%, it is **73.1154, 0.3222, 0.3231**.

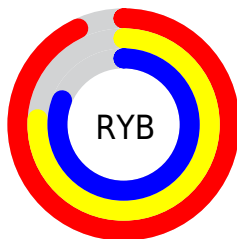
Distribution



Red (93%)

Green (76%)

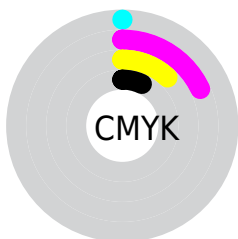
Blue (81%)



Red (93%)

Yellow (76%)

Blue (81%)

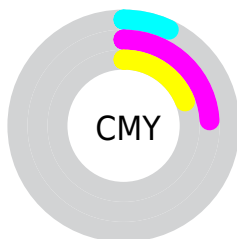


Cyan (0%)

Magenta (18%)

Yellow (12%)

Black (7%)



Cyan (7%)


Magenta (24%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9214, 0.3368, 0.3150 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 60.9214, 0.3368, 0.3150 by changing the saturation by 10% instead.

 60.9214, 0.3368,
0.3150

 60.9214, 0.3368,
0.3150


427.9858, 0.3253,
0.3217

 44.1617, 0.3395,
0.3134


 106.1651, 0.3327,
0.3174

 30.7977, 0.3429,
0.3115


135.4180, 0.3312,
0.3183

 20.4448, 0.3473,
0.3089


169.6040, 0.3298,
0.3190

 12.7188, 0.3532,
0.3055

209.1076, 0.3287,
0.3197

 7.2352, 0.3615,
0.3008

254.3132, 0.3277,
0.3203

 3.6096, 0.3741,
0.2936

305.6052, 0.3268,

 1.4577, 0.3954,

0.3208

0.2816


363.3679, 0.3260,
0.3213


 0.2587, 0.5237,
0.2053


 0.0000, 0.0000,
0.0000


 60.9214, 0.3368,
0.3150


 60.9214, 0.3368,
0.3150


 50.4830, 0.3547,
0.3066


 73.1154, 0.3222,
0.3231

 41.7111, 0.3765,
0.2982

 87.1326, 0.3103,
0.3306

 34.5210, 0.4026,
0.2903

 96.5685, 0.3011,
0.3290

 28.8170, 0.4331,
0.2839

■ 24.4935, 0.4674,
0.2799

■ 21.4302, 0.5037,
0.2796

■ 19.4863, 0.5392,
0.2841

■ 18.4712, 0.5705,
0.2930

■ 18.3081, 0.5769,
0.2952

Harmonies

Analogous

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



60.9214, 0.3156, 0.3007



60.9214, 0.3368, 0.3150



60.9214, 0.3517, 0.3331

Triad

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



60.9214, 0.3368, 0.3150



60.9214, 0.3304, 0.3674



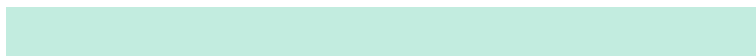
60.9214, 0.2715, 0.3051

Complementary

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



60.9214, 0.3368, 0.3150



76.7766, 0.2933, 0.3435

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.



60.9214, 0.2752, 0.3229



60.9214, 0.3368, 0.3150



60.9214, 0.3087, 0.3599

Square

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



60.9214, 0.3368, 0.3150



60.9214, 0.3477, 0.3637



60.9214, 0.2886, 0.3433



60.9214, 0.2783, 0.2946

Rectangle

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



60.9214, 0.3368, 0.3150



60.9214, 0.3557, 0.3452



60.9214, 0.2886, 0.3433



60.9214, 0.2716, 0.3104

Sweetspot

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



60.9241, 0.3368, 0.3150



91.5786, 0.3186, 0.3252



60.2849, 0.3046, 0.2835



19.3578, 0.3195, 0.3247



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.



60.9241, 0.3368, 0.3150



68.3049, 0.3423, 0.3122



63.8296, 0.3457, 0.3375



15.1307, 0.3244, 0.3217



10.1146, 0.5727, 0.2929



0.8109, 0.5334, 0.2712

Inverse Universe

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



60.9241, 0.3368, 0.3150



68.3049, 0.3423, 0.3122



73.1688, 0.2855, 0.3203



15.1307, 0.3244, 0.3217



10.1146, 0.5727, 0.2929



0.8109, 0.5334, 0.2712

Previews

White Background



This preview shows how the Yxy color 60.9214, 0.3368, 0.3150 looks on a white background.

Color Contrast Check

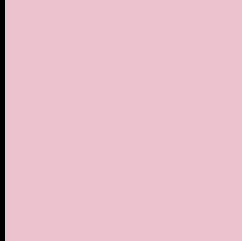
Large Text (above 18pt) WCAG AA × Fail

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 60.9214, 0.3368, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

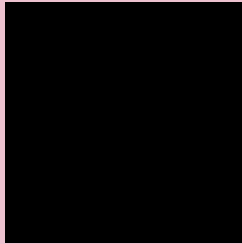
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9214, 0.3368, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 60.9214, 0.3368, 0.3150.



This preview shows how white text looks on a background with the Yxy color 60.9214, 0.3368, 0.3150.

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

60.9214, 0.3368, 0.3150

Protanopia

61.1116, 0.3079, 0.3186

Deuteranopia

61.1504, 0.3273, 0.3212



Tritanopia

61.0199, 0.3352, 0.3128

Trichromacy



Original Color

60.9214, 0.3368, 0.3150

Protanomaly

60.7634, 0.3180, 0.3166

Deuteranomaly

60.8827, 0.3307, 0.3191

Tritanomaly

60.9705, 0.3360, 0.3139

Monochromacy



Original Color

60.9214, 0.3368, 0.3150

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1714, 0.3207, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9214, 0.3368, 0.3150 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, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(236, 194, 207)  
}
```

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, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 194, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.9214, 0.3368, 0.3150 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, 194, 207) }
```

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

```
.border{ border-color:rgb(236, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 194,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9214, 0.3368, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 194, 207) }
```

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

```
.background{ background-color: rgb(236,  
194, 207) }
```

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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