

Converting Colors

Yxy(67.2338, 0.3272, 0.3122)

Have a look what the booklet for
Yxy(67.2338, 0.3272, 0.3122)
contains.

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Color

Yxy(67.2338, 0.3272, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	EFCDDD
RGB	239, 205, 221
RGB Percent	94%, 80%, 87%
CMY	0.0629, 0.1960, 0.1334
CMYK	0.00, 0.14, 0.08, 0.06
HSL	332°, 51%, 87%
HSV	332°, 14%, 94%
XYZ	70.4641, 67.2338, 77.6570
YIQ	216.9900, 15.1280, 12.1840

Conversions

Conversions Part 2

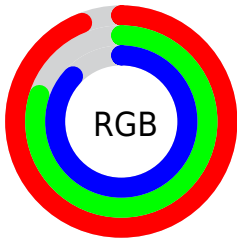
Format	Color
R_{YB}	239, 205, 221
Decimal	15715805
CIE _{Lab}	85.62, 14.50, -3.48
CIE _{LCh}	86, 14.916, 346.503
Yxy	67.2338, 0.3272, 0.3122
Android (android.graphics.Color)	4293905885 (0xFFEFCDDD)
YUV	216.9900, 1.9769, 19.3028
Hunter-Lab	81.9962, 9.9021, 1.2450

Details

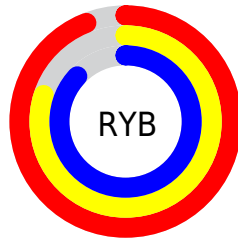
The Yxy color $67.2338, 0.3272, 0.3122$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.0138, 0.3003, 0.3464$, and the grayscale version is $69.3573, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.9537, 0.3308, 0.3086$ is the 20% darker color. If you saturate the color by 10%, you get $56.0134, 0.3400, 0.2997$, and if you desaturate by 10%, it is $80.2568, 0.3166, 0.3242$.

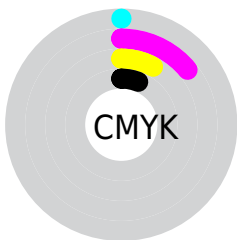
Distribution



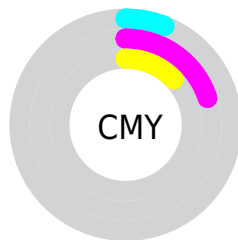
- Red (94%)
- Green (80%)
- Blue (87%)



- Red (94%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (6%)




- Cyan (6%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2338, 0.3272, 0.3122 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 67.2338, 0.3272, 0.3122 by changing the saturation by 10% instead.

 67.2338, 0.3272,
0.3122

 67.2338, 0.3272,
0.3122


450.7765, 0.3205,
0.3200

 49.2747, 0.3288,
0.3104


115.2554, 0.3248,
0.3149

 34.8374, 0.3307,
0.3082


146.0866, 0.3239,
0.3160

 23.5377, 0.3331,
0.3054


181.9772, 0.3232,
0.3169

 14.9910, 0.3364,
0.3017

223.3118, 0.3225,
0.3177

 8.8131, 0.3408,
0.2967

270.4746, 0.3219,
0.3183

 4.6195, 0.3473,
0.2894

323.8500, 0.3213,

 2.0258, 0.3578,

0.3190

0.2779

383.8226, 0.3209,
0.3195

0.6224, 0.3810,
0.2496

0.0000, 0.0000,
0.0000

67.2338, 0.3272,
0.3122

67.2338, 0.3272,
0.3122

56.0134, 0.3400,
0.2997

80.2568, 0.3166,
0.3242

46.5066, 0.3554,
0.2869

95.1485, 0.3079,
0.3354

38.6302, 0.3736,
0.2746

97.0820, 0.3029,
0.3290

32.2907, 0.3948,
0.2635

■ 27.3846, 0.4187,
0.2547

■ 23.7958, 0.4446,
0.2495

■ 21.3897, 0.4715,
0.2493

■ 20.0021, 0.4976,
0.2545

■ 19.5206, 0.5121,
0.2595

Harmonies

Analogous

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



67.2338, 0.3086, 0.3017



67.2338, 0.3272, 0.3122



67.2338, 0.3422, 0.3270

Triad

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



67.2338, 0.3272, 0.3122



67.2338, 0.3337, 0.3615



67.2338, 0.2776, 0.3136

Complementary

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



67.2338, 0.3272, 0.3122



80.0138, 0.3003, 0.3464

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.



67.2338, 0.2839, 0.3300



67.2338, 0.3272, 0.3122



67.2338, 0.3160, 0.3584

Square

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



67.2338, 0.3272, 0.3122



67.2338, 0.3459, 0.3554



67.2338, 0.2979, 0.3467



67.2338, 0.2803, 0.3021

Rectangle

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



67.2338, 0.3272, 0.3122



67.2338, 0.3479, 0.3376



67.2338, 0.2979, 0.3467



67.2338, 0.2788, 0.3187

Sweetspot

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



67.2368, 0.3272, 0.3122



93.3208, 0.3164, 0.3244



65.5214, 0.3024, 0.2926



19.7140, 0.3171, 0.3235



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.



67.2368, 0.3272, 0.3122



74.0006, 0.3306, 0.3087



66.6973, 0.3390, 0.3297



15.8826, 0.3219, 0.3179



10.8187, 0.5084, 0.2574



0.9200, 0.4773, 0.2403

Inverse Universe

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



67.2368, 0.3272, 0.3122



74.0006, 0.3306, 0.3087



80.5850, 0.2911, 0.3283



15.8826, 0.3219, 0.3179



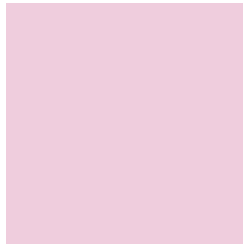
10.8187, 0.5084, 0.2574



0.9200, 0.4773, 0.2403

Previews

White Background



This preview shows how the Yxy color 67.2338, 0.3272, 0.3122 looks on a white background.

Color Contrast Check

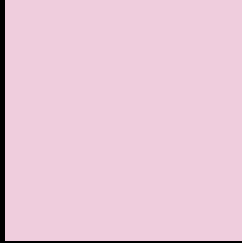
Large Text (above 18pt) WCAG AA × Fail

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 67.2338, 0.3272, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

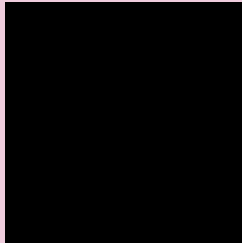
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2338, 0.3272, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 67.2338, 0.3272, 0.3122.

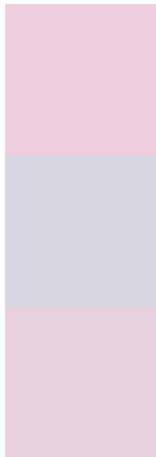


This preview shows how white text looks on a background with the Yxy color 67.2338, 0.3272, 0.3122.

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

67.2338, 0.3272, 0.3122

Protanopia

67.5266, 0.3054, 0.3147

Deuteranopia

67.4349, 0.3223, 0.3162



Tritanopia

67.2338, 0.3272, 0.3122

Trichromacy



Original Color

67.2338, 0.3272, 0.3122

Protanomaly

67.3223, 0.3134, 0.3138

Deuteranomaly

67.4551, 0.3247, 0.3152

Tritanomaly

67.2338, 0.3272, 0.3122

Monochromacy



Original Color

67.2338, 0.3272, 0.3122

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6580, 0.3181, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2338, 0.3272, 0.3122 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(239, 205, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 205, 221)  
}
```

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(239, 205, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 205, 221) }
```

Border

The CSS property to change the border of an element to Yxy 67.2338, 0.3272, 0.3122 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(239, 205, 221) }
```

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

```
.border{ border-color:rgb(239, 205, 221) }
```

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

Here you see how a box with a 4 pixel rgb(239, 205, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 205, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 205, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 205,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2338, 0.3272, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 205, 221) }
```

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

```
.background{ background-color: rgb(239,  
205, 221) }
```

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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