

Converting Colors

Yxy(67.4013, 0.3221, 0.3155)

Have a look what the booklet for
Yxy(67.4013, 0.3221, 0.3155)
contains.

Yxy(67.4349, 0.3223, 0.3162)	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(67.4349, 0.3223, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	E8D0DC
RGB	232, 208, 220
RGB Percent	91%, 82%, 86%
CMY	0.0904, 0.1842, 0.1373
CMYK	0.00, 0.10, 0.05, 0.09
HSL	330°, 34%, 86%
HSV	330°, 10%, 91%
XYZ	68.7358, 67.4349, 77.0959
YIQ	216.5440, 10.4520, 8.8200

Conversions

Conversions Part 2

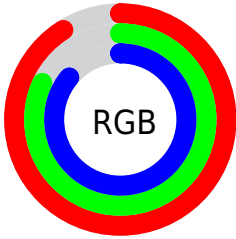
Format	Color
R _Y B	232, 208, 220
Decimal	15257820
CIE Lab	85.72, 10.34, -2.88
CIE LCh	86, 10.730, 344.456
Yxy	67.4349, 0.3223, 0.3162
Android (android.graphics.Color)	4293447900 (0xFFE8D0DC)
YUV	216.5440, 1.7038, 13.5549
Hunter-Lab	82.1188, 5.7020, 1.8197

Details

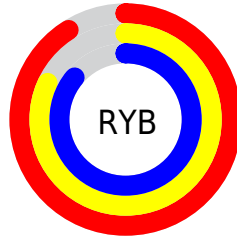
The Yxy color **67.4349, 0.3223, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2570, 0.3041, 0.3422**, and the grayscale version is **69.0394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0579, 0.3244, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **56.3481, 0.3336, 0.3031**, and if you desaturate by 10%, it is **80.2240, 0.3130, 0.3286**.

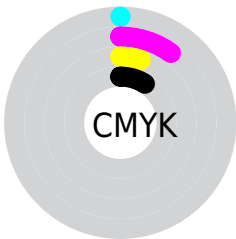
Distribution



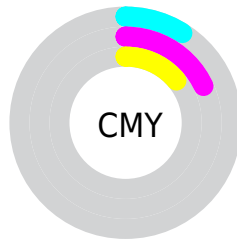
- Red (91%)
- Green (82%)
- Blue (86%)



- Red (91%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (9%)





- Cyan (9%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4349, 0.3223, 0.3162 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 67.4349, 0.3223, 0.3162 by changing the saturation by 10% instead.

 67.4349, 0.3223,
0.3162

 67.4349, 0.3223,
0.3162

451.4912, 0.3178,
0.3222

 49.4381, 0.3233,
0.3148

115.5434, 0.3207,
0.3183

 34.9672, 0.3246,
0.3131


146.4238, 0.3201,
0.3191

 23.6376, 0.3262,
0.3110

182.3677, 0.3196,
0.3198

 15.0650, 0.3284,
0.3082

223.7593, 0.3192,
0.3204

 8.8650, 0.3313,
0.3043

270.9831, 0.3188,
0.3209

 4.6532, 0.3356,
0.2986

324.4234, 0.3184,

 2.0453, 0.3426,

0.3214

0.2896

384.4646, 0.3181,
0.3218

0.6336, 0.3592,
0.2663

0.0000, 0.0000,
0.0000

67.4349, 0.3223,
0.3162

67.4349, 0.3223,
0.3162

56.3481, 0.3336,
0.3031

80.2240, 0.3130,
0.3286

46.8824, 0.3471,
0.2897

94.7745, 0.3053,
0.3402

38.9632, 0.3631,
0.2763

95.8694, 0.2988,
0.3292

32.5065, 0.3817,
0.2639

95.8850, 0.2987,
0.3290

■ 27.4202, 0.4030,
0.2533

■ 23.6017, 0.4264,
0.2459

■ 20.9338, 0.4511,
0.2429

■ 19.2769, 0.4758,
0.2452

■ 18.4070, 0.4989,
0.2522

Harmonies

Analogous

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



67.4349, 0.3089, 0.3088



67.4349, 0.3223, 0.3162



67.4349, 0.3333, 0.3269

Triad

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



67.4349, 0.3223, 0.3162



67.4349, 0.3286, 0.3521



67.4349, 0.2874, 0.3188

Complementary

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



67.4349, 0.3223, 0.3162



76.2570, 0.3041, 0.3422

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.



67.4349, 0.2925, 0.3307



67.4349, 0.3223, 0.3162



67.4349, 0.3161, 0.3503

Square

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



67.4349, 0.3223, 0.3162



67.4349, 0.3369, 0.3476



67.4349, 0.3029, 0.3424



67.4349, 0.2890, 0.3101

Rectangle

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



67.4349, 0.3223, 0.3162



67.4349, 0.3377, 0.3346



67.4349, 0.3029, 0.3424



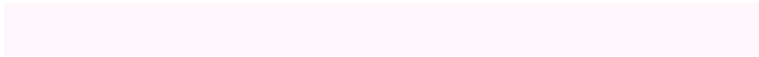
67.4349, 0.2884, 0.3226

Sweetspot

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



67.4378, 0.3223, 0.3162



94.9720, 0.3153, 0.3253



66.0994, 0.3049, 0.3030



20.0475, 0.3161, 0.3244



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.



67.4378, 0.3223, 0.3162



81.0606, 0.3241, 0.3139



66.8462, 0.3307, 0.3286



14.4877, 0.3214, 0.3173



10.2507, 0.4953, 0.2502



0.7762, 0.4630, 0.2324

Inverse Universe

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



67.4378, 0.3223, 0.3162



81.0606, 0.3241, 0.3139



76.8909, 0.2971, 0.3294



14.4877, 0.3214, 0.3173



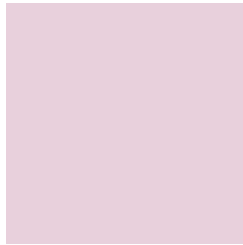
10.2507, 0.4953, 0.2502



0.7762, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 67.4349, 0.3223, 0.3162 looks on a white background.

Color Contrast Check

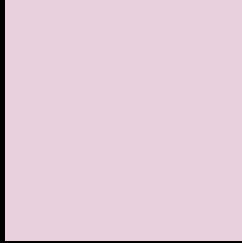
Large Text (above 18pt) WCAG AA × Fail

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 67.4349, 0.3223, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

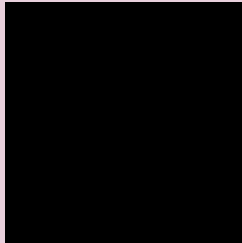
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4349, 0.3223, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 67.4349, 0.3223, 0.3162.



This preview shows how white text looks on a background with the Yxy color 67.4349, 0.3223, 0.3162.

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

67.4349, 0.3223, 0.3162

Protanopia

67.5151, 0.3081, 0.3180

Deuteranopia

67.6027, 0.3231, 0.3162



Tritanopia

67.1633, 0.3196, 0.3109

Trichromacy



Original Color

67.4349, 0.3223, 0.3162

Protanomaly

67.3921, 0.3133, 0.3170

Deuteranomaly

67.6027, 0.3231, 0.3162

Tritanomaly

67.1092, 0.3203, 0.3119

Monochromacy



Original Color

67.4349, 0.3223, 0.3162

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6847, 0.3158, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4349, 0.3223, 0.3162 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(232, 208, 220)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 220)  
}
```

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(232, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.4349, 0.3223, 0.3162 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(232, 208, 220) }
```

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

```
.border{ border-color:rgb(232, 208, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(232, 208,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4349, 0.3223, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 220) }
```

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

```
.background{ background-color: rgb(232,  
208, 220) }
```

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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