

Converting Colors

Yxy(67.4989, 0.3254, 0.3133)

Have a look what the booklet for
Yxy(67.4989, 0.3254, 0.3133)
contains.

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Color

Yxy(67.3676, 0.3256, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	EDCEDD
RGB	237, 206, 221
RGB Percent	93%, 81%, 87%
CMY	0.0705, 0.1922, 0.1332
CMYK	0.00, 0.13, 0.07, 0.07
HSL	331°, 46%, 87%
HSV	331°, 13%, 93%
XYZ	70.0571, 67.3676, 77.7385
YIQ	216.9790, 13.6610, 11.2370

Conversions

Conversions Part 2

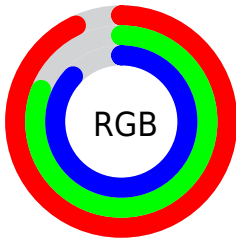
Format	Color
R_{YB}	237, 206, 221
Decimal	15584989
CIE _{Lab}	85.69, 13.34, -3.43
CIE _{LCh}	86, 13.774, 345.591
Yxy	67.3676, 0.3256, 0.3131
Android (android.graphics.Color)	4293775069 (0xFFEDCEDD)
YUV	216.9790, 1.9824, 17.5584
Hunter-Lab	82.0778, 8.7218, 1.2990

Details

The Yxy color **67.3676, 0.3256, 0.3131** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9782, 0.3015, 0.3455**, and the grayscale version is **69.3565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0334, 0.3287, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **56.1784, 0.3378, 0.3003**, and if you desaturate by 10%, it is **80.3310, 0.3155, 0.3254**.

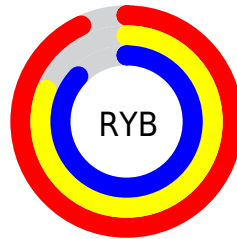
Distribution



Red (93%)

Green (81%)

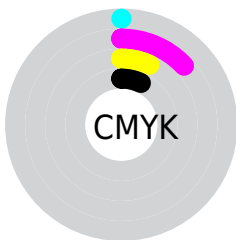
Blue (87%)



Red (93%)

Yellow (81%)

Blue (87%)

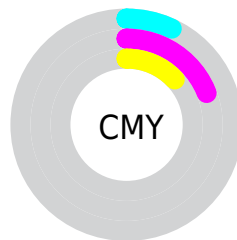


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3676, 0.3256, 0.3131 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 67.3676, 0.3256, 0.3131 by changing the saturation by 10% instead.

 67.3676, 0.3256,
0.3131

 67.3676, 0.3256,
0.3131

451.2521, 0.3196,
0.3205

 49.3834, 0.3270,
0.3114


115.4470, 0.3235,
0.3157

 34.9237, 0.3287,
0.3093


146.3110, 0.3227,
0.3167

 23.6041, 0.3309,
0.3067


182.2370, 0.3220,
0.3175

 15.0402, 0.3338,
0.3032

223.6096, 0.3214,
0.3183

 8.8476, 0.3377,
0.2984

270.8129, 0.3209,
0.3189

 4.6419, 0.3435,
0.2915

324.2316, 0.3204,

 2.0387, 0.3527,

0.3195

0.2806

384.2498, 0.3200,
0.3200

0.6298, 0.3735,
0.2537

0.0000, 0.0000,
0.0000

67.3676, 0.3256,
0.3131

67.3676, 0.3256,
0.3131

56.1784, 0.3378,
0.3003

80.3310, 0.3155,
0.3254

46.6766, 0.3525,
0.2872

95.1326, 0.3071,
0.3368

38.7817, 0.3698,
0.2744

96.7492, 0.3017,
0.3290

32.4027, 0.3900,
0.2627

■ 27.4397, 0.4128,
0.2533

■ 23.7804, 0.4377,
0.2474

■ 21.2955, 0.4636,
0.2462

■ 19.8284, 0.4891,
0.2505

■ 19.2437, 0.5059,
0.2561

Harmonies

Analogous

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



67.3676, 0.3084, 0.3035



67.3676, 0.3256, 0.3131



67.3676, 0.3396, 0.3267

Triad

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



67.3676, 0.3256, 0.3131



67.3676, 0.3325, 0.3589



67.3676, 0.2803, 0.3153

Complementary

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



67.3676, 0.3256, 0.3131



78.9782, 0.3015, 0.3455

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.



67.3676, 0.2864, 0.3305



67.3676, 0.3256, 0.3131



67.3676, 0.3163, 0.3563

Square

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



67.3676, 0.3256, 0.3131



67.3676, 0.3436, 0.3531



67.3676, 0.2995, 0.3457



67.3676, 0.2826, 0.3044

Rectangle

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



67.3676, 0.3256, 0.3131



67.3676, 0.3450, 0.3365



67.3676, 0.2995, 0.3457



67.3676, 0.2815, 0.3200

Sweetspot

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



67.3706, 0.3256, 0.3131



93.3299, 0.3163, 0.3243



65.7076, 0.3029, 0.2956



19.7163, 0.3170, 0.3234



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.



67.3706, 0.3256, 0.3131



75.3933, 0.3290, 0.3093



66.6043, 0.3367, 0.3291



15.1757, 0.3217, 0.3176



10.5300, 0.5022, 0.2540



0.8462, 0.4704, 0.2365

Inverse Universe

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



67.3706, 0.3256, 0.3131



75.3933, 0.3290, 0.3093



79.8209, 0.2927, 0.3289



15.1757, 0.3217, 0.3176



10.5300, 0.5022, 0.2540



0.8462, 0.4704, 0.2365

Previews

White Background



This preview shows how the Yxy color 67.3676, 0.3256, 0.3131 looks on a white background.

Color Contrast Check

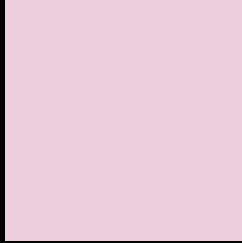
Large Text (above 18pt) WCAG AA × Fail

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 67.3676, 0.3256, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

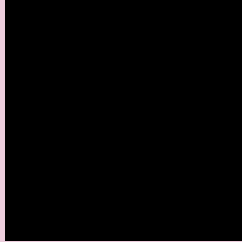
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.3676, 0.3256, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 67.3676, 0.3256, 0.3131.

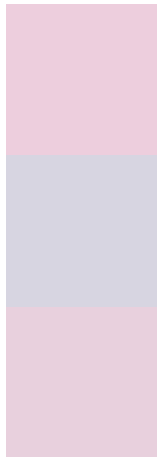


This preview shows how white text looks on a background with the Yxy color 67.3676, 0.3256, 0.3131.

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

67.3676, 0.3256, 0.3131

Protanopia

67.4718, 0.3061, 0.3157

Deuteranopia

67.4880, 0.3216, 0.3151



Tritanopia

67.4211, 0.3249, 0.3121

Trichromacy



Original Color

67.3676, 0.3256, 0.3131

Protanomaly

67.1630, 0.3127, 0.3138

Deuteranomaly

67.3385, 0.3232, 0.3141

Tritanomaly

67.4211, 0.3249, 0.3121

Monochromacy



Original Color

67.3676, 0.3256, 0.3131

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.4977, 0.3174, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3676, 0.3256, 0.3131 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(237, 206, 221)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 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(237, 206, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 221) }
```

Border

The CSS property to change the border of an element to Yxy 67.3676, 0.3256, 0.3131 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(237, 206, 221) }
```

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

```
.border{ border-color:rgb(237, 206, 221) }
```

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

Here you see how a box with a 4 pixel rgb(237, 206, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 206, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 206, 221);  
box-shadow:4px 4px 4px 4px rgb(237, 206,  
221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 67.3676, 0.3256, 0.3131$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 221) }
```

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

```
.background{ background-color: rgb(237,  
206, 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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