

Converting Colors

$Yxy(67.7877, 0.3269, 0.3148)$

Have a look what the booklet for
Yxy(67.7877, 0.3269, 0.3148)
contains.

Yxy(67.9701, 0.3270, 0.3153)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9701, 0.3270, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	EECFDC
RGB	238, 207, 220
RGB Percent	93%, 81%, 86%
CMY	0.0666, 0.1882, 0.1373
CMYK	0.00, 0.13, 0.08, 0.07
HSL	335°, 48%, 87%
HSV	335°, 13%, 93%
XYZ	70.4923, 67.9701, 77.1104
YIQ	217.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

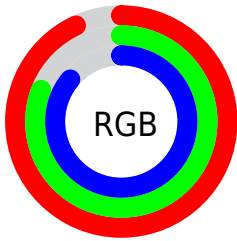
Format	Color
R _Y B	238, 207, 220
Decimal	15650780
CIE Lab	85.99, 12.97, -2.42
CIE LCh	86, 13.195, 349.416
Yxy	67.9701, 0.3270, 0.3153
Android (android.graphics.Color)	4293840860 (0xFFEECFDC)
YUV	217.7510, 1.1088, 17.7584
Hunter-Lab	82.4440, 8.3464, 2.2565

Details

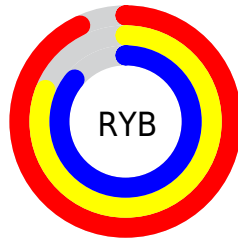
The Yxy color $67.9701, 0.3270, 0.3153$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.8573, 0.3004, 0.3431$, and the grayscale version is $69.9176, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.4442, 0.3305, 0.3126$ is the 20% darker color. If you saturate the color by 10%, you get $56.5937, 0.3407, 0.3041$, and if you desaturate by 10%, it is $81.1514, 0.3157, 0.3259$.

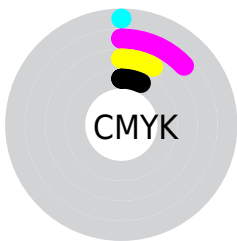
Distribution



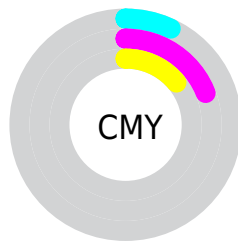
- Red (93%)
- Green (81%)
- Blue (86%)



- Red (93%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (7%)





- Cyan (7%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9701, 0.3270, 0.3153 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 67.9701, 0.3270, 0.3153 by changing the saturation by 10% instead.


 67.9701, 0.3270,
0.3153

 67.9701, 0.3270,
0.3153

453.3901, 0.3203,
0.3217

 49.8734, 0.3285,
0.3138

116.3094, 0.3247,
0.3175

 35.3128, 0.3304,
0.3120

147.3207, 0.3238,
0.3184

 23.9039, 0.3329,
0.3097


183.4058, 0.3230,
0.3191

 15.2624, 0.3361,
0.3067

224.9489, 0.3223,
0.3198

 9.0037, 0.3405,
0.3026

272.3345, 0.3217,
0.3203

 4.7436, 0.3469,
0.2966

325.9470, 0.3212,

 2.0976, 0.3573,

0.3208

0.2871

386.1707, 0.3208,
0.3213

0.6633, 0.3796,
0.2646

0.0000, 0.0000,
0.0000

67.9701, 0.3270,
0.3153

67.9701, 0.3270,
0.3153

56.5937, 0.3407,
0.3041

81.1514, 0.3157,
0.3259

46.9342, 0.3573,
0.2927

96.2027, 0.3065,
0.3358

38.9098, 0.3771,
0.2816

96.9187, 0.3023,
0.3290

32.4281, 0.4003,
0.2716

■ 27.3877, 0.4267,
0.2636

■ 23.6749, 0.4556,
0.2592

■ 21.1583, 0.4857,
0.2593

■ 19.6794, 0.5148,
0.2650

■ 19.0936, 0.5338,
0.2715

Harmonies

Analogous

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



67.9701, 0.3107, 0.3055



67.9701, 0.3270, 0.3153



67.9701, 0.3396, 0.3286

Triad

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



67.9701, 0.3270, 0.3153



67.9701, 0.3299, 0.3577



67.9701, 0.2816, 0.3143

Complementary

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



67.9701, 0.3270, 0.3153



79.8573, 0.3004, 0.3431

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.



67.9701, 0.2864, 0.3285



67.9701, 0.3270, 0.3153



67.9701, 0.3141, 0.3541

Square

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



67.9701, 0.3270, 0.3153



67.9701, 0.3413, 0.3532



67.9701, 0.2982, 0.3433



67.9701, 0.2848, 0.3046

Rectangle

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



67.9701, 0.3270, 0.3153



67.9701, 0.3441, 0.3380



67.9701, 0.2982, 0.3433



67.9701, 0.2823, 0.3187

Sweetspot

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



67.9731, 0.3270, 0.3153



93.2880, 0.3167, 0.3249



66.7399, 0.3044, 0.2959



19.7057, 0.3175, 0.3241



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.



67.9731, 0.3270, 0.3153



75.2407, 0.3309, 0.3120



68.3194, 0.3362, 0.3313



15.8687, 0.3227, 0.3191



10.6759, 0.5299, 0.2693



0.9076, 0.4960, 0.2506

Inverse Universe

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



67.9731, 0.3270, 0.3153



75.2407, 0.3309, 0.3120



79.3969, 0.2928, 0.3267



15.8687, 0.3227, 0.3191



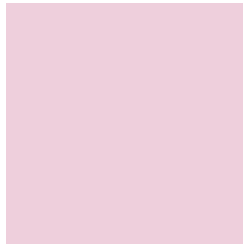
10.6759, 0.5299, 0.2693



0.9076, 0.4960, 0.2506

Previews

White Background



This preview shows how the Yxy color 67.9701, 0.3270, 0.3153 looks on a white background.

Color Contrast Check

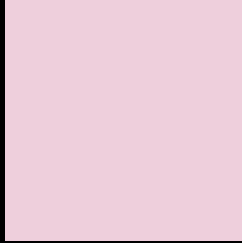
Large Text (above 18pt) WCAG AA × Fail

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 67.9701, 0.3270, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

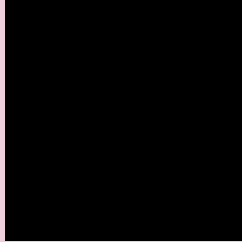
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.9701, 0.3270, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 67.9701, 0.3270, 0.3153.

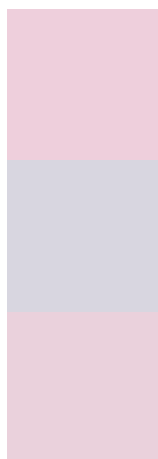


This preview shows how white text looks on a background with the Yxy color 67.9701, 0.3270, 0.3153.

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

67.9701, 0.3270, 0.3153

Protanopia

68.0739, 0.3074, 0.3180

Deuteranopia

68.2607, 0.3238, 0.3173



Tritanopia

68.1305, 0.3248, 0.3122

Trichromacy



Original Color

67.9701, 0.3270, 0.3153

Protanomaly

67.7635, 0.3141, 0.3160

Deuteranomaly

67.9412, 0.3246, 0.3163

Tritanomaly

68.0767, 0.3255, 0.3132

Monochromacy



Original Color

67.9701, 0.3270, 0.3153

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2152, 0.3174, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9701, 0.3270, 0.3153 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, 207, 220)` looks like.

```
.text, #text, p{  
    color:rgb(238, 207, 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(238, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 207, 220) }
```

Border

The CSS property to change the border of an element to Yxy 67.9701, 0.3270, 0.3153 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, 207, 220) }
```

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

```
.border{ border-color:rgb(238, 207, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 207, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 207,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9701, 0.3270, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 207, 220) }
```

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

```
.background{ background-color: rgb(238,  
207, 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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