

Converting Colors

$Y_{xy}(78.6096, 0.3320, 0.3215)$

Have a look what the booklet for
Yxy(78.6096, 0.3320, 0.3215)
contains.

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Color

Yxy(78.6300, 0.3317, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDE5
RGB	255, 221, 229
RGB Percent	100%, 87%, 90%
CMY	0.0002, 0.1332, 0.1020
CMYK	0.00, 0.13, 0.10, 0.00
HSL	346°, 100%, 93%
HSV	346°, 13%, 100%
XYZ	81.2257, 78.6300, 85.0213
YIQ	232.0780, 17.6960, 9.6960

Conversions

Conversions Part 2

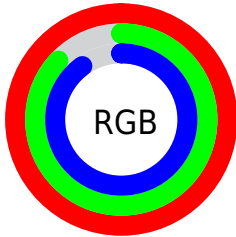
Format	Color
R _Y B	255, 221, 229
Decimal	16768485
CIE Lab	91.07, 12.99, 0.43
CIE LCh	91, 12.997, 1.885
Yxy	78.6300, 0.3317, 0.3211
Android (android.graphics.Color)	4294958565 (0xFFFFDDE5)
YUV	232.0780, -1.5175, 20.1026
Hunter-Lab	88.6736, 8.3287, 5.2235

Details

The Yxy color **78.6300, 0.3317, 0.3211** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.5802, 0.2966, 0.3371**, and the grayscale version is **80.7579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3342, 0.3357, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **65.1464, 0.3499, 0.3148**, and if you desaturate by 10%, it is **94.2873, 0.3169, 0.3271**.

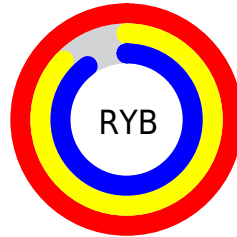
Distribution



Red (100%)

Green (87%)

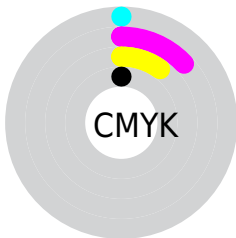
Blue (90%)



Red (100%)

Yellow (87%)

Blue (90%)

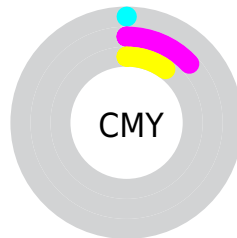


Cyan (0%)

Magenta (13%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6300, 0.3317, 0.3211 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 78.6300, 0.3317, 0.3211 by changing the saturation by 10% instead.


 78.6300, 0.3317,
0.3211

 78.6300, 0.3317,
0.3211


490.3038, 0.3230,
0.3247

 58.5916, 0.3337,
0.3203


131.4378, 0.3287,
0.3224

 42.2845, 0.3361,
0.3193


164.9761, 0.3275,
0.3228

 29.3241, 0.3391,
0.3180


203.7832, 0.3265,
0.3233

 19.3261, 0.3430,
0.3163

248.2434, 0.3257,
0.3236

 11.9062, 0.3484,
0.3141

298.7412, 0.3249,
0.3240

 6.6798, 0.3560,
0.3109

355.6609, 0.3242,

 3.2627, 0.3676,

0.3242

0.3059

419.3869, 0.3236,
0.3245

■ 1.2704, 0.3878,
0.2973

■ 0.1181, 0.6645,
0.1828

■ 78.6300, 0.3317,
0.3211

■ 78.6300, 0.3317,
0.3211

■ 65.1464, 0.3499,
0.3148

■ 94.2873, 0.3169,
0.3271

■ 53.7302, 0.3724,
0.3083

99.9911, 0.3127,
0.3290

■ 44.2816, 0.3996,
0.3021

■ 36.6886, 0.4320,
0.2968

■ 30.8278, 0.4691,
0.2932

■ 26.5609, 0.5091,
0.2926

■ 23.7277, 0.5486,
0.2957

■ 22.1345, 0.5833,
0.3029

■ 21.5764, 0.6020,
0.3090

Harmonies

Analogous

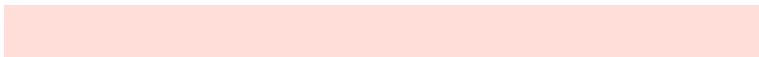
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6300, 0.3173, 0.3102



78.6300, 0.3317, 0.3211



78.6300, 0.3410, 0.3342

Triad

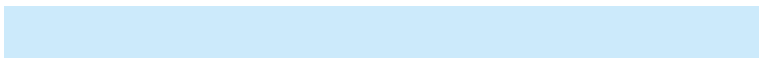
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6300, 0.3317, 0.3211



78.6300, 0.3230, 0.3554



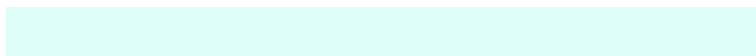
78.6300, 0.2838, 0.3108

Complementary

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



78.6300, 0.3317, 0.3211



93.5802, 0.2966, 0.3371

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.



78.6300, 0.2852, 0.3227



78.6300, 0.3317, 0.3211



78.6300, 0.3076, 0.3490

Square

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



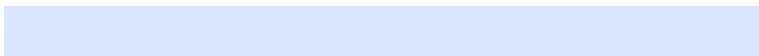
78.6300, 0.3317, 0.3211



78.6300, 0.3358, 0.3543



78.6300, 0.2939, 0.3368



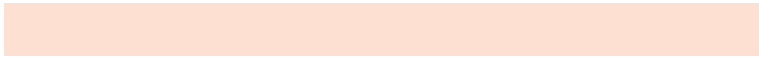
78.6300, 0.2898, 0.3041

Rectangle

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



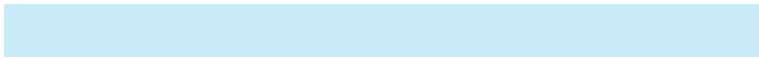
78.6300, 0.3317, 0.3211



78.6300, 0.3429, 0.3426



78.6300, 0.2939, 0.3368



78.6300, 0.2834, 0.3143

Sweetspot

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



78.6335, 0.3317, 0.3211



93.1714, 0.3179, 0.3267



78.6205, 0.3084, 0.2954



19.6763, 0.3189, 0.3263



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

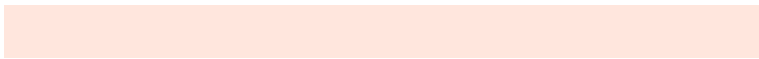
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6335, 0.3317, 0.3211



74.8247, 0.3362, 0.3194



82.7919, 0.3361, 0.3375



18.0570, 0.3257, 0.3234



11.2978, 0.5981, 0.3069



1.1161, 0.5671, 0.2898

Inverse Universe

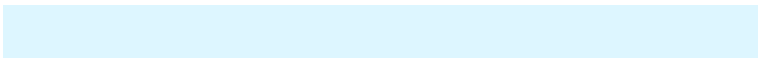
The Inverse Universe completely reimagines the original color for something new.



78.6335, 0.3317, 0.3211



74.8247, 0.3362, 0.3194



88.7912, 0.2921, 0.3203



18.0570, 0.3257, 0.3234



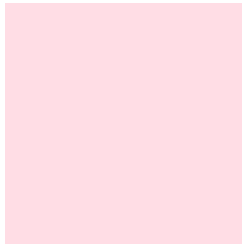
11.2978, 0.5981, 0.3069



1.1161, 0.5671, 0.2898

Previews

White Background



This preview shows how the Yxy color 78.6300, 0.3317, 0.3211 looks on a white background.

Color Contrast Check

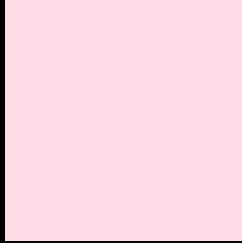
Large Text (above 18pt) WCAG AA × Fail

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 78.6300, 0.3317, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

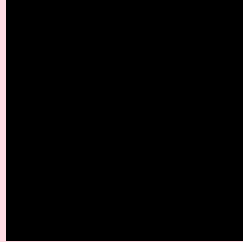
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6300, 0.3317, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 78.6300, 0.3317, 0.3211.

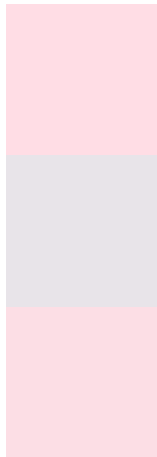


This preview shows how white text looks on a background with the Yxy color 78.6300, 0.3317, 0.3211.

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

78.6300, 0.3317, 0.3211

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

78.5951, 0.3295, 0.3220



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.6300, 0.3317, 0.3211

Protanomaly

78.2019, 0.3186, 0.3218

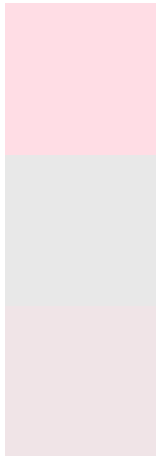
Deuteranomaly

78.7823, 0.3302, 0.3220

Tritanomaly

78.3869, 0.3284, 0.3151

Monochromacy



Original Color

78.6300, 0.3317, 0.3211

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7816, 0.3191, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6300, 0.3317, 0.3211 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(255, 221, 229)` looks like.

```
.text, #text, p{  
  color:rgb(255, 221, 229)  
}
```

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(255, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 229) }
```

Border

The CSS property to change the border of an element to Yxy 78.6300, 0.3317, 0.3211 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(255, 221, 229) }
```

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

```
.border{ border-color:rgb(255, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6300, 0.3317, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 229) }
```

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

```
.background{ background-color: rgb(255,  
221, 229) }
```

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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