

Converting Colors

$Yxy(78.6164, 0.3322, 0.3250)$

Have a look what the booklet for
Yxy(78.6164, 0.3322, 0.3250)
contains.

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Color

Yxy(78.6162, 0.3322, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FDDEE2
RGB	253, 222, 226
RGB Percent	99%, 87%, 89%
CMY	0.0079, 0.1294, 0.1135
CMYK	0.00, 0.12, 0.11, 0.01
HSL	352°, 89%, 93%
HSV	352°, 12%, 99%
XYZ	80.3579, 78.6162, 82.9219
YIQ	231.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

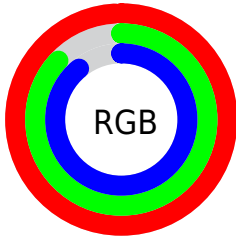
Format	Color
R _Y B	253, 222, 226
Decimal	16637666
CIE Lab	91.06, 11.32, 1.95
CIE LCh	91, 11.487, 9.749
Yxy	78.6162, 0.3322, 0.3250
Android (android.graphics.Color)	4294827746 (0xFFFDDEE2)
YUV	231.7250, -2.8224, 18.6582
Hunter-Lab	88.6658, 6.6096, 6.6169

Details

The Yxy color **78.6162, 0.3322, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6096, 0.2961, 0.3331**, and the grayscale version is **80.4946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3135, 0.3363, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **65.0419, 0.3525, 0.3215**, and if you desaturate by 10%, it is **94.3687, 0.3159, 0.3283**.

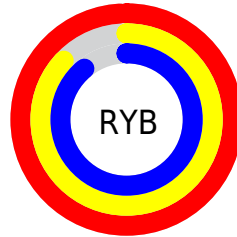
Distribution



Red (99%)

Green (87%)

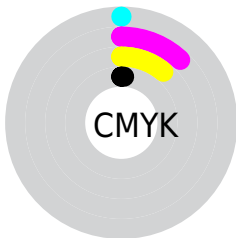
Blue (89%)



Red (99%)

Yellow (87%)

Blue (89%)

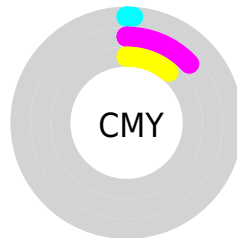


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (1%)



Cyan (1%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6162, 0.3322, 0.3250 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 78.6162, 0.3322, 0.3250 by changing the saturation by 10% instead.


 78.6162, 0.3322,
0.3250

 78.6162, 0.3322,
0.3250


490.2570, 0.3233,
0.3269

 58.5803, 0.3342,
0.3246


131.4184, 0.3291,
0.3257

 42.2754, 0.3367,
0.3240


164.9535, 0.3279,
0.3259

 29.3170, 0.3398,
0.3233


203.7571, 0.3269,
0.3261

 19.3207, 0.3439,
0.3224

248.2137, 0.3260,
0.3263

 11.9023, 0.3494,
0.3212

298.7076, 0.3252,
0.3265

 6.6772, 0.3573,
0.3194

355.6231, 0.3245,

 3.2610, 0.3694,

0.3266

0.3165

419.3448, 0.3238,
0.3268

■ 1.2695, 0.3906,
0.3112

■ 0.1174, 0.7677,
0.2323

■ 78.6162, 0.3322,
0.3250

■ 78.6162, 0.3322,
0.3250

■ 65.0419, 0.3525,
0.3215

■ 94.3687, 0.3159,
0.3283

■ 53.5400, 0.3776,
0.3179

■ 99.6203, 0.3115,
0.3290

■ 44.0116, 0.4084,
0.3145

■ 36.3454, 0.4452,
0.3117

■ 30.4193, 0.4872,
0.3101

■ 26.0963, 0.5318,
0.3103

■ 23.2190, 0.5742,
0.3129

■ 21.5978, 0.6083,
0.3179

■ 20.9900, 0.6263,
0.3224

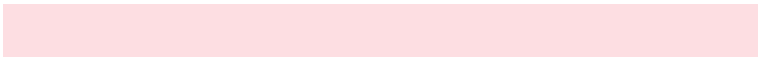
Harmonies

Analogous

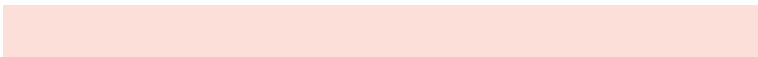
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6162, 0.3204, 0.3145



78.6162, 0.3322, 0.3250



78.6162, 0.3387, 0.3367

Triad

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



78.6162, 0.3322, 0.3250



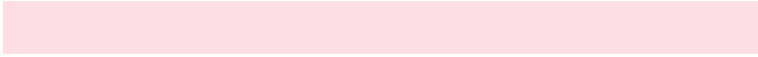
78.6162, 0.3183, 0.3514



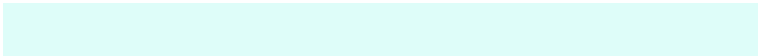
78.6162, 0.2879, 0.3108

Complementary

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



78.6162, 0.3322, 0.3250



92.6096, 0.2961, 0.3331

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.



78.6162, 0.2874, 0.3204



78.6162, 0.3322, 0.3250



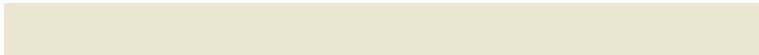
78.6162, 0.3048, 0.3442

Square

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



78.6162, 0.3322, 0.3250



78.6162, 0.3306, 0.3522



78.6162, 0.2935, 0.3327



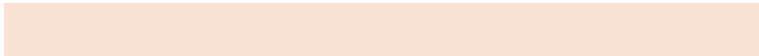
78.6162, 0.2949, 0.3063

Rectangle

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



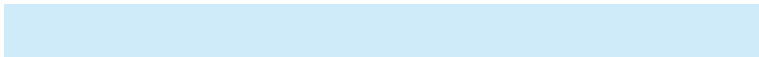
78.6162, 0.3322, 0.3250



78.6162, 0.3392, 0.3437



78.6162, 0.2935, 0.3327



78.6162, 0.2870, 0.3136

Sweetspot

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



78.6197, 0.3322, 0.3250



93.1057, 0.3185, 0.3277



79.4504, 0.3113, 0.2985



19.6597, 0.3197, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

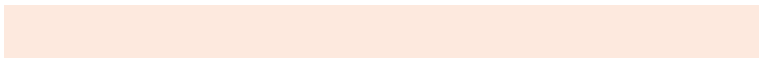
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6197, 0.3322, 0.3250



76.0167, 0.3374, 0.3241



84.6399, 0.3335, 0.3404



18.0256, 0.3274, 0.3259



11.1787, 0.6237, 0.3209



1.0998, 0.5985, 0.3071

Inverse Universe

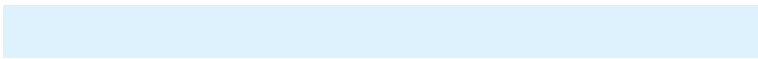
The Inverse Universe completely reimagines the original color for something new.



78.6197, 0.3322, 0.3250



76.0167, 0.3374, 0.3241



85.9045, 0.2937, 0.3173



18.0256, 0.3274, 0.3259



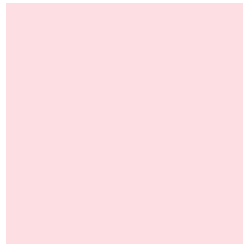
11.1787, 0.6237, 0.3209



1.0998, 0.5985, 0.3071

Previews

White Background



This preview shows how the Yxy color 78.6162, 0.3322, 0.3250 looks on a white background.

Color Contrast Check

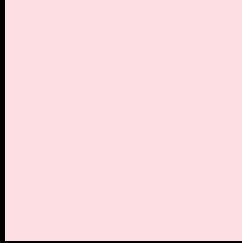
Large Text (above 18pt) WCAG AA × Fail

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 78.6162, 0.3322, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

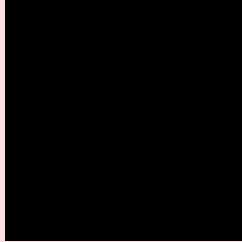
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6162, 0.3322, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 78.6162, 0.3322, 0.3250.

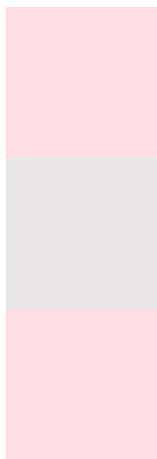


This preview shows how white text looks on a background with the Yxy color 78.6162, 0.3322, 0.3250.

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

78.6162, 0.3322, 0.3250

Protanopia

78.5236, 0.3149, 0.3269

Deuteranopia

78.6162, 0.3322, 0.3250



Tritanopia

78.5608, 0.3263, 0.3122

Trichromacy



Original Color

78.6162, 0.3322, 0.3250

Protanomaly

78.5751, 0.3205, 0.3259

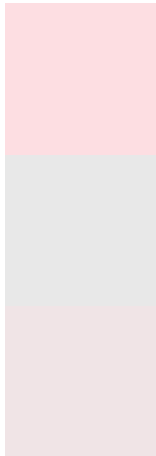
Deuteranomaly

78.6162, 0.3322, 0.3250

Tritanomaly

78.6669, 0.3283, 0.3171

Monochromacy



Original Color

78.6162, 0.3322, 0.3250

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7252, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6162, 0.3322, 0.3250 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(253, 222, 226)` looks like.

```
.text, #text, p{  
    color:rgb(253, 222, 226)  
}
```

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(253, 222, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 222, 226) }
```

Border

The CSS property to change the border of an element to Yxy 78.6162, 0.3322, 0.3250 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(253, 222, 226) }
```

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

```
.border{ border-color:rgb(253, 222, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 222, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 222, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 222, 226); box-shadow:4px 4px 4px 4px rgb(253, 222, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6162, 0.3322, 0.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 222, 226) }
```

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

```
.background{ background-color: rgb(253,  
222, 226) }
```

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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