

Converting Colors

$Yxy(78.2406, 0.3287, 0.3167)$

Have a look what the booklet for
Yxy(78.2406, 0.3287, 0.3167)
contains.

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Color

Yxy(78.1404, 0.3284, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	FEDCE9
RGB	254, 220, 233
RGB Percent	100%, 86%, 91%
CMY	0.0038, 0.1373, 0.0863
CMYK	0.00, 0.13, 0.08, 0.00
HSL	337°, 95%, 93%
HSV	337°, 13%, 100%
XYZ	81.1810, 78.1404, 87.8801
YIQ	231.6480, 16.0910, 11.2510

Conversions

Conversions Part 2

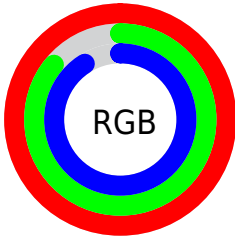
Format	Color
R _Y B	254, 220, 233
Decimal	16702697
CIE Lab	90.84, 13.86, -2.00
CIE LCh	91, 14.006, 351.799
Yxy	78.1404, 0.3284, 0.3161
Android (android.graphics.Color)	4294892777 (0xFFFE9CE9)
YUV	231.6480, 0.6665, 19.6027
Hunter-Lab	88.3971, 9.2337, 2.9347

Details

The Yxy color **78.1404, 0.3284, 0.3161** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.4742, 0.2993, 0.3423**, and the grayscale version is **80.4090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9549, 0.3322, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **64.9491, 0.3432, 0.3059**, and if you desaturate by 10%, it is **93.4446, 0.3163, 0.3258**.

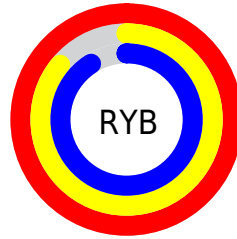
Distribution



Red (100%)

Green (86%)

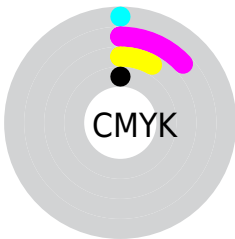
Blue (91%)



Red (100%)

Yellow (86%)

Blue (91%)

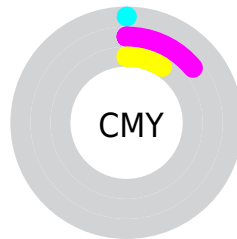


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1404, 0.3284, 0.3161 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 78.1404, 0.3284, 0.3161 by changing the saturation by 10% instead.


 78.1404, 0.3284,
0.3161

 78.1404, 0.3284,
0.3161


488.6435, 0.3213,
0.3220

 58.1893, 0.3300,
0.3148


130.7480, 0.3259,
0.3181

 41.9609, 0.3320,
0.3132


164.1734, 0.3250,
0.3189

 29.0707, 0.3345,
0.3112


202.8589, 0.3241,
0.3196

 19.1343, 0.3377,
0.3086

247.1890, 0.3234,
0.3202

 11.7673, 0.3420,
0.3051

297.5482, 0.3228,
0.3207

 6.5855, 0.3482,
0.3002

354.3207, 0.3222,

 3.2042, 0.3576,

0.3212

0.2927

417.8910, 0.3217,
0.3216

■ 1.2393, 0.3738,
0.2801

■ 0.0934, 0.5606,
0.1226

■ 78.1404, 0.3284,
0.3161

■ 78.1404, 0.3284,
0.3161

■ 64.9491, 0.3432,
0.3059

■ 93.4446, 0.3163,
0.3258

■ 53.7671, 0.3611,
0.2954

99.8173, 0.3121,
0.3290

■ 44.4977, 0.3826,
0.2853

■ 37.0318, 0.4078,
0.2762

■ 31.2495, 0.4366,
0.2693

■ 27.0160, 0.4681,
0.2659

■ 24.1755, 0.5006,
0.2672

■ 22.5387, 0.5315,
0.2738

■ 21.9388, 0.5501,
0.2804

Harmonies

Analogous

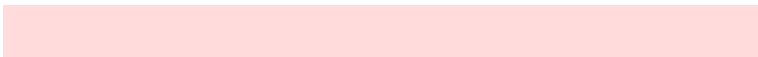
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1404, 0.3120, 0.3058



78.1404, 0.3284, 0.3161



78.1404, 0.3407, 0.3298

Triad

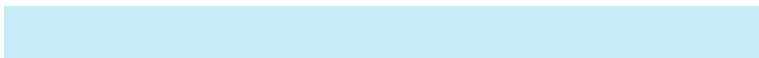
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.1404, 0.3284, 0.3161



78.1404, 0.3289, 0.3581



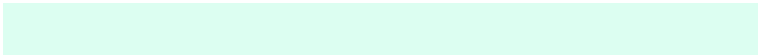
78.1404, 0.2811, 0.3131

Complementary

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



78.1404, 0.3284, 0.3161



92.4742, 0.2993, 0.3423

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.



78.1404, 0.2854, 0.3272



78.1404, 0.3284, 0.3161



78.1404, 0.3128, 0.3538

Square

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



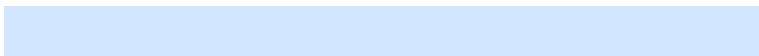
78.1404, 0.3284, 0.3161



78.1404, 0.3410, 0.3541



78.1404, 0.2969, 0.3424



78.1404, 0.2850, 0.3038

Rectangle

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



78.1404, 0.3284, 0.3161



78.1404, 0.3448, 0.3392



78.1404, 0.2969, 0.3424



78.1404, 0.2817, 0.3174

Sweetspot

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



78.1438, 0.3284, 0.3161



93.2642, 0.3170, 0.3253



77.0407, 0.3053, 0.2949



19.6997, 0.3178, 0.3246



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

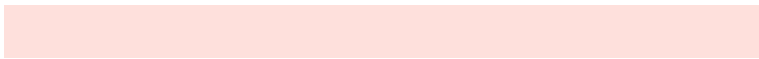
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.1438, 0.3284, 0.3161



75.1544, 0.3320, 0.3135



79.5381, 0.3369, 0.3331



18.1018, 0.3234, 0.3200



11.5894, 0.5459, 0.2781



1.1489, 0.5152, 0.2612

Inverse Universe

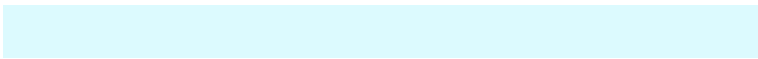
The Inverse Universe completely reimagines the original color for something new.



78.1438, 0.3284, 0.3161



75.1544, 0.3320, 0.3135



90.7835, 0.2921, 0.3249



18.1018, 0.3234, 0.3200



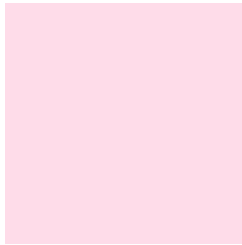
11.5894, 0.5459, 0.2781



1.1489, 0.5152, 0.2612

Previews

White Background



This preview shows how the Yxy color 78.1404, 0.3284, 0.3161 looks on a white background.

Color Contrast Check

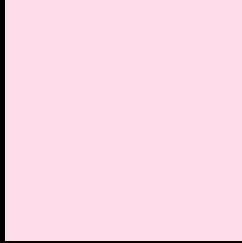
Large Text (above 18pt) WCAG AA × Fail

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 78.1404, 0.3284, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

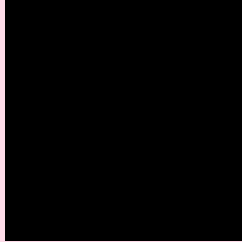
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1404, 0.3284, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 78.1404, 0.3284, 0.3161.

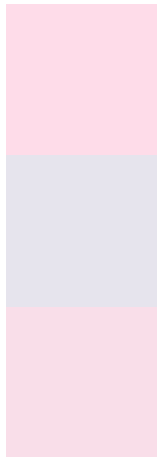


This preview shows how white text looks on a background with the Yxy color 78.1404, 0.3284, 0.3161.

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

78.1404, 0.3284, 0.3161

Protanopia

78.4242, 0.3084, 0.3196

Deuteranopia

78.2655, 0.3246, 0.3180



Tritanopia

78.0375, 0.3264, 0.3112

Trichromacy



Original Color

78.1404, 0.3284, 0.3161

Protanomaly

78.2573, 0.3153, 0.3177

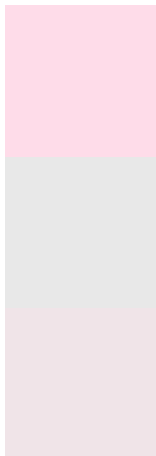
Deuteranomaly

78.1053, 0.3261, 0.3170

Tritanomaly

77.9792, 0.3271, 0.3122

Monochromacy



Original Color

78.1404, 0.3284, 0.3161

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8383, 0.3184, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1404, 0.3284, 0.3161 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(254, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 233)  
}
```

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(254, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 233) }
```

Border

The CSS property to change the border of an element to Yxy 78.1404, 0.3284, 0.3161 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(254, 220, 233) }
```

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

```
.border{ border-color:rgb(254, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1404, 0.3284, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 233) }
```

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

```
.background{ background-color: rgb(254,  
220, 233) }
```

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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