

Converting Colors

$Yxy(80.5288, 0.3438, 0.3309)$

Have a look what the booklet for
Yxy(80.5288, 0.3438, 0.3309)
contains.

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Color

Yxy(78.6699, 0.3379, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEDC
RGB	255, 222, 220
RGB Percent	100%, 87%, 86%
CMY	0.0000, 0.1294, 0.1373
CMYK	0.00, 0.13, 0.14, 0.00
HSL	3°, 100%, 93%
HSV	3°, 14%, 100%
XYZ	80.2856, 78.6699, 78.6461
YIQ	231.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

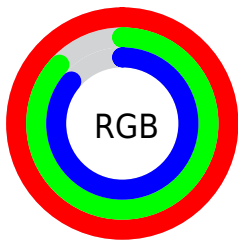
Format	Color
R _Y B	255, 222, 220
Decimal	16768732
CIE Lab	91.08, 11.07, 5.18
CIE LCh	91, 12.227, 25.076
Yxy	78.6699, 0.3379, 0.3311
Android (android.graphics.Color)	4294958812 (0xFFFFDEDC)
YUV	231.6390, -5.7380, 20.4876
Hunter-Lab	88.6961, 6.3559, 9.5152

Details

The Yxy color **78.6699, 0.3379, 0.3311** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.6695, 0.2916, 0.3269**, and the grayscale version is **80.4403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3598, 0.3437, 0.3317** is the 20% darker color. If you saturate the color by 10%, you get **65.5503, 0.3615, 0.3328**, and if you desaturate by 10%, it is **93.8091, 0.3188, 0.3295**.

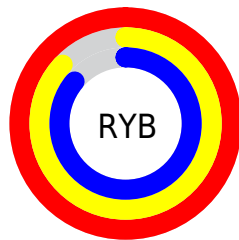
Distribution



Red (100%)

Green (87%)

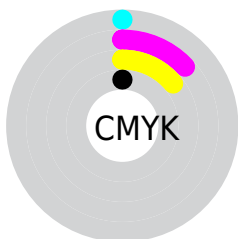
Blue (86%)



Red (100%)

Yellow (87%)

Blue (86%)

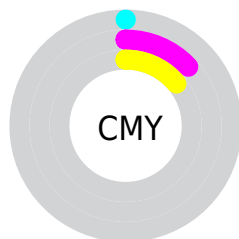


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.6699, 0.3379, 0.3311 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 78.6699, 0.3379, 0.3311 by changing the saturation by 10% instead.


 78.6699, 0.3379,
0.3311

 78.6699, 0.3379,
0.3311

490.4389, 0.3263,
0.3303

 58.6244, 0.3405,
0.3313


131.4940, 0.3339,
0.3308

 42.3109, 0.3437,
0.3315


165.0415, 0.3323,
0.3307

 29.3448, 0.3478,
0.3317


203.8585, 0.3310,
0.3306

 19.3418, 0.3531,
0.3319

248.3293, 0.3298,
0.3305

 11.9175, 0.3603,
0.3322

298.8383, 0.3288,
0.3305

 6.6875, 0.3706,
0.3324

355.7700, 0.3279,

 3.2675, 0.3864,

0.3304

419.5087, 0.3271,
0.3303

0.3326

1.2729, 0.4141,
0.3319

0.1201, 0.7620,
0.2380

78.6699, 0.3379,
0.3311

78.6699, 0.3379,
0.3311

65.5503, 0.3615,
0.3328

93.8091, 0.3188,
0.3295

54.3726, 0.3908,
0.3345

100.0000, 0.3127,
0.3290

45.0420, 0.4262,
0.3361

37.4591, 0.4679,
0.3374

■ 31.5150, 0.5141,
0.3380

■ 27.0889, 0.5605,
0.3377

■ 24.0428, 0.6007,
0.3362

■ 22.2141, 0.6277,
0.3336

■ 21.5936, 0.6372,
0.3323

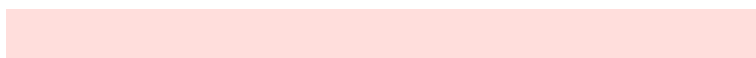
Harmonies

Analogous

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



78.6699, 0.3278, 0.3190



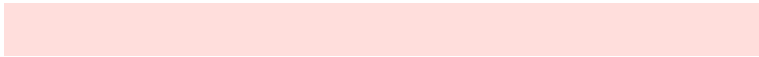
78.6699, 0.3379, 0.3311



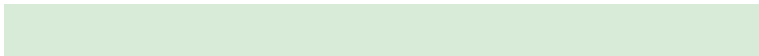
78.6699, 0.3411, 0.3430

Triad

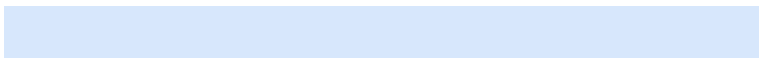
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6699, 0.3379, 0.3311



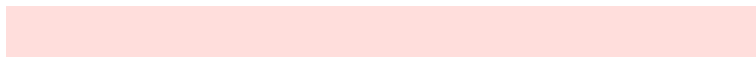
78.6699, 0.3112, 0.3497



78.6699, 0.2893, 0.3065

Complementary

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



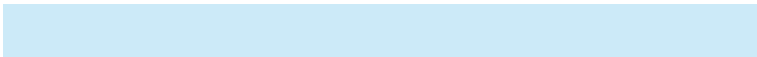
78.6699, 0.3379, 0.3311



92.6695, 0.2916, 0.3269

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.



78.6699, 0.2851, 0.3141



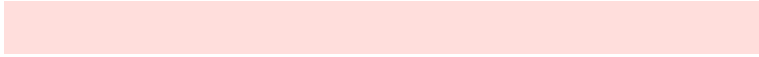
78.6699, 0.3379, 0.3311



78.6699, 0.2976, 0.3393

Square

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



78.6699, 0.3379, 0.3311



78.6699, 0.3254, 0.3542



78.6699, 0.2881, 0.3261



78.6699, 0.2997, 0.3049

Rectangle

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



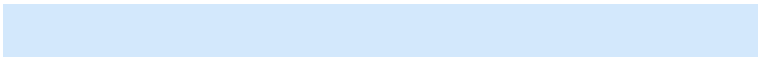
78.6699, 0.3379, 0.3311



78.6699, 0.3388, 0.3493



78.6699, 0.2881, 0.3261



78.6699, 0.2872, 0.3084

Sweetspot

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



78.6672, 0.3379, 0.3311



93.3805, 0.3193, 0.3296



79.5419, 0.3155, 0.2966



19.7289, 0.3206, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

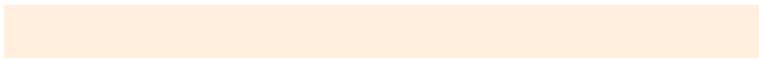
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6672, 0.3379, 0.3311



75.5213, 0.3428, 0.3315



88.2994, 0.3355, 0.3481



18.1551, 0.3293, 0.3304



11.3489, 0.6361, 0.3331



1.1615, 0.6268, 0.3405

Inverse Universe

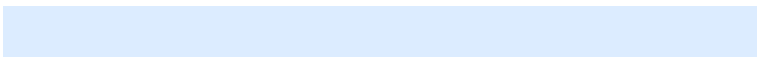
The Inverse Universe completely reimagines the original color for something new.



92.6695, 0.2916, 0.3269



91.5735, 0.2883, 0.3265



82.2717, 0.2911, 0.3091



20.2912, 0.2980, 0.3276



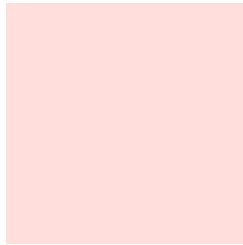
36.5023, 0.2197, 0.3109



3.6066, 0.2203, 0.3131

Previews

White Background



This preview shows how the Yxy color 78.6699, 0.3379, 0.3311 looks on a white background.

Color Contrast Check

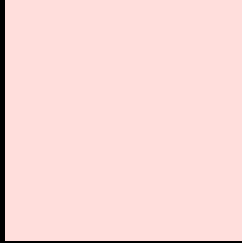
Large Text (above 18pt) WCAG AA × Fail

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 78.6699, 0.3379, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

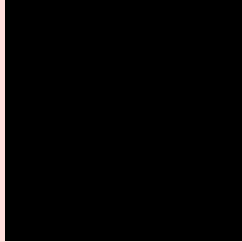
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

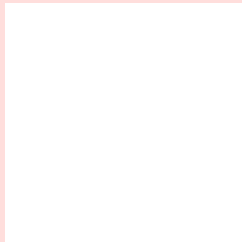
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6699, 0.3379, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 78.6699, 0.3379, 0.3311.

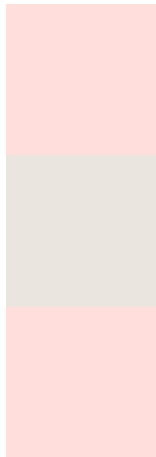


This preview shows how white text looks on a background with the Yxy color 78.6699, 0.3379, 0.3311.

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

78.6699, 0.3379, 0.3311

Protanopia

79.0826, 0.3201, 0.3342

Deuteranopia

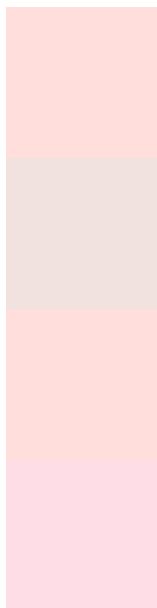
78.6699, 0.3379, 0.3311



Tritanopia

78.5025, 0.3270, 0.3132

Trichromacy



Original Color

78.6699, 0.3379, 0.3311

Protanomaly

78.5977, 0.3259, 0.3321

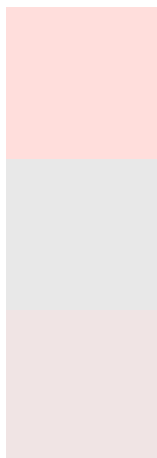
Deuteranomaly

78.6699, 0.3379, 0.3311

Tritanomaly

78.6861, 0.3310, 0.3201

Monochromacy



Original Color

78.6699, 0.3379, 0.3311

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.6135, 0.3210, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6699, 0.3379, 0.3311 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, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 220) }
```

Border

The CSS property to change the border of an element to Yxy 78.6699, 0.3379, 0.3311 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, 222, 220) }
```

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

```
.border{ border-color:rgb(255, 222, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6699, 0.3379, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 220) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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