

Converting Colors

$Y_{xy}(80.1780, 0.3514, 0.3392)$

Have a look what the booklet for
Yxy(80.1780, 0.3514, 0.3392)
contains.

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Color

Yxy(78.2560, 0.3435, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	FFDED4
RGB	255, 222, 212
RGB Percent	100%, 87%, 83%
CMY	0.0000, 0.1294, 0.1687
CMYK	0.00, 0.13, 0.17, 0.00
HSL	14°, 100%, 92%
HSV	14°, 17%, 100%
XYZ	79.2480, 78.2560, 73.2035
YIQ	230.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

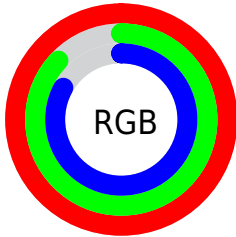
Format	Color
R _Y B	255, 225, 212
Decimal	16768724
CIE Lab	90.90, 9.84, 9.10
CIE LCh	91, 13.401, 42.750
Yxy	78.2560, 0.3435, 0.3392
Android (android.graphics.Color)	4294958804 (0xFFFFDED4)
YUV	230.7270, -9.2324, 21.2874
Hunter-Lab	88.4624, 5.0979, 12.8606

Details

The Yxy color **78.2560, 0.3435, 0.3392** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5086, 0.2867, 0.3186**, and the grayscale version is **79.7531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0775, 0.3511, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **67.2736, 0.3668, 0.3457**, and if you desaturate by 10%, it is **90.6471, 0.3241, 0.3330**.

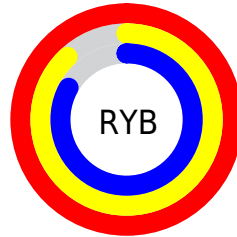
Distribution



Red (100%)

Green (87%)

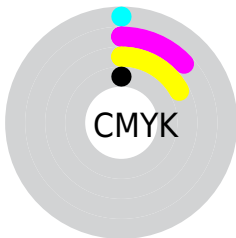
Blue (83%)



Red (100%)

Yellow (88%)

Blue (83%)

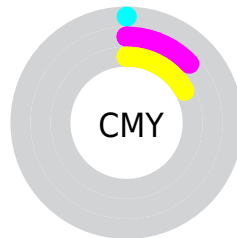


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2560, 0.3435, 0.3392 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 78.2560, 0.3435, 0.3392 by changing the saturation by 10% instead.

 78.2560, 0.3435,
0.3392

 78.2560, 0.3435,
0.3392


489.0358, 0.3293,
0.3347

 58.2843, 0.3467,
0.3402


130.9109, 0.3386,
0.3377

 42.0373, 0.3507,
0.3413

164.3630, 0.3367,
0.3371

 29.1305, 0.3557,
0.3428

203.0772, 0.3350,
0.3366

 19.1795, 0.3622,
0.3446

247.4381, 0.3336,
0.3361

 11.8001, 0.3710,
0.3469

297.8300, 0.3324,
0.3357

 6.6077, 0.3836,
0.3500

354.6373, 0.3312,

 3.2180, 0.4031,

0.3353

0.3542

418.2445, 0.3302,
0.3350

1.2466, 0.4402,
0.3627

0.0993, 0.7712,
0.2288

78.2560, 0.3435,
0.3392

78.2560, 0.3435,
0.3392

67.2736, 0.3668,
0.3457

90.6471, 0.3241,
0.3330

57.6495, 0.3946,
0.3522

100.0000, 0.3127,
0.3290

49.3300, 0.4272,
0.3584

42.2580, 0.4642,
0.3633

■ 36.3717, 0.5043,
0.3662

■ 31.6041, 0.5445,
0.3658

■ 27.8808, 0.5804,
0.3614

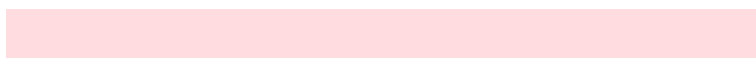
■ 25.1169, 0.6075,
0.3532

■ 24.4277, 0.6143,
0.3504

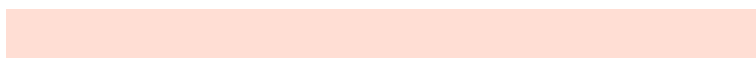
Harmonies

Analogous

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



78.2560, 0.3366, 0.3256



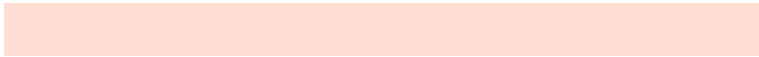
78.2560, 0.3435, 0.3392



78.2560, 0.3419, 0.3505

Triad

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



78.2560, 0.3435, 0.3392



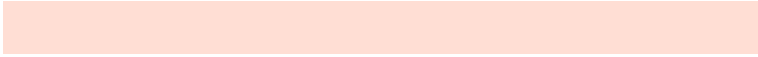
78.2560, 0.3019, 0.3456



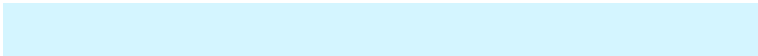
78.2560, 0.2931, 0.3025

Complementary

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



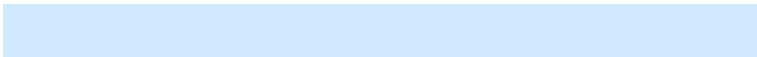
78.2560, 0.3435, 0.3392



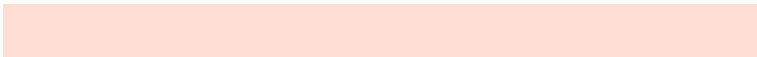
86.5086, 0.2867, 0.3186

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.



78.2560, 0.2843, 0.3070



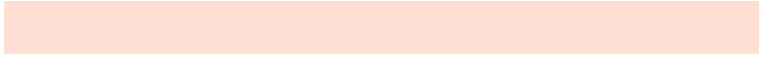
78.2560, 0.3435, 0.3392



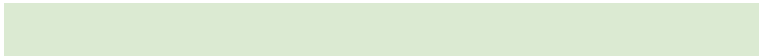
78.2560, 0.2893, 0.3318

Square

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



78.2560, 0.3435, 0.3392



78.2560, 0.3176, 0.3548



78.2560, 0.2829, 0.3176



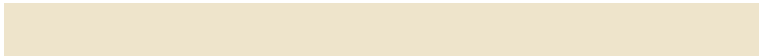
78.2560, 0.3072, 0.3048

Rectangle

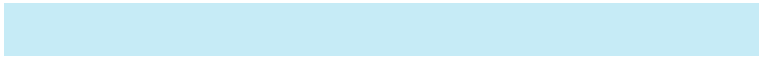
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



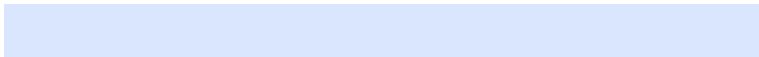
78.2560, 0.3435, 0.3392



78.2560, 0.3362, 0.3553



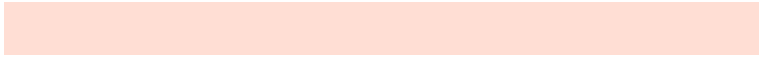
78.2560, 0.2829, 0.3176



78.2560, 0.2894, 0.3032

Sweetspot

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



78.2559, 0.3435, 0.3392



93.1234, 0.3208, 0.3319



74.9729, 0.3210, 0.2958



19.7317, 0.3221, 0.3323



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.



78.2559, 0.3435, 0.3392



74.6684, 0.3503, 0.3412



90.0014, 0.3401, 0.3596



18.6734, 0.3289, 0.3346



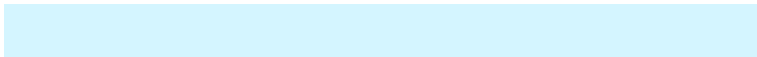
12.9506, 0.6117, 0.3525



1.4189, 0.5903, 0.3695

Inverse Universe

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



86.5086, 0.2867, 0.3186



84.2321, 0.2819, 0.3164



74.6182, 0.2856, 0.2964



19.7220, 0.2980, 0.3233



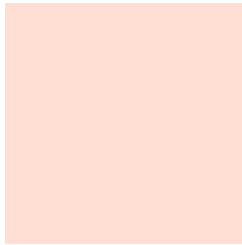
24.5502, 0.2033, 0.2518



2.5559, 0.2060, 0.2616

Previews

White Background



This preview shows how the Yxy color 78.2560, 0.3435, 0.3392 looks on a white background.

Color Contrast Check

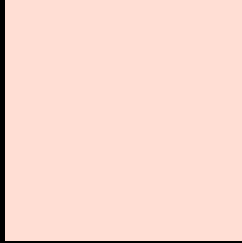
Large Text (above 18pt) WCAG AA × Fail

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 78.2560, 0.3435, 0.3392 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

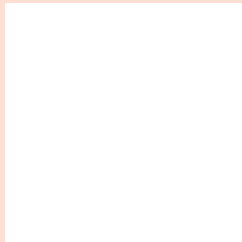
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2560, 0.3435, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 78.2560, 0.3435, 0.3392.

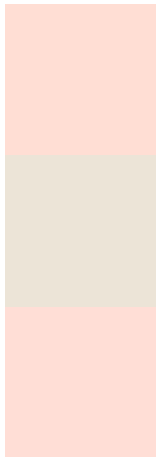


This preview shows how white text looks on a background with the Yxy color 78.2560, 0.3435, 0.3392.

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

78.2560, 0.3435, 0.3392

Protanopia

78.2260, 0.3268, 0.3427

Deuteranopia

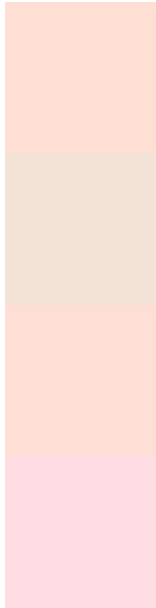
78.3576, 0.3421, 0.3372



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.2560, 0.3435, 0.3392

Protanomaly

78.3024, 0.3327, 0.3415

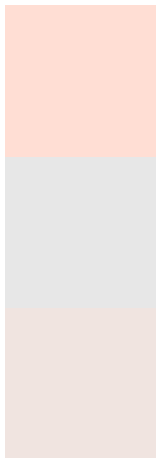
Deuteranomaly

78.3066, 0.3428, 0.3382

Tritanomaly

78.5190, 0.3331, 0.3231

Monochromacy



Original Color

78.2560, 0.3435, 0.3392

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.3939, 0.3237, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2560, 0.3435, 0.3392 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 78.2560, 0.3435, 0.3392 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, 212) }
```

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

```
.border{ border-color:rgb(255, 222, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2560, 0.3435, 0.3392 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
222, 212) }
```

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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