

Converting Colors

$Y_{xy}(78.3629, 0.3289, 0.3241)$

Have a look what the booklet for
Yxy(78.3629, 0.3289, 0.3241)
contains.

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Color

Yxy(78.6454, 0.3293, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FADFE3
RGB	250, 223, 227
RGB Percent	98%, 87%, 89%
CMY	0.0195, 0.1255, 0.1098
CMYK	0.00, 0.11, 0.09, 0.02
HSL	351°, 73%, 93%
HSV	351°, 11%, 98%
XYZ	79.6859, 78.6454, 83.6545
YIQ	231.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

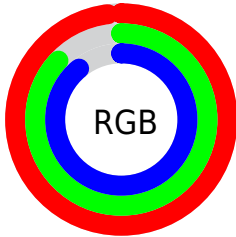
Format	Color
R_{YB}	250, 223, 227
Decimal	16441315
CIE Lab	91.07, 9.94, 1.43
CIE LCh	91, 10.045, 8.194
Yxy	78.6454, 0.3293, 0.3250
Android (android.graphics.Color)	4294631395 (0xFFFA ^D FE3)
YUV	231.5290, -2.2328, 16.1991
Hunter-Lab	88.6822, 5.1983, 6.1489

Details

The Yxy color **78.6454, 0.3293, 0.3250** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7345, 0.2983, 0.3330**, and the grayscale version is **80.3393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3213, 0.3324, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **65.1563, 0.3485, 0.3211**, and if you desaturate by 10%, it is **94.2596, 0.3138, 0.3287**.

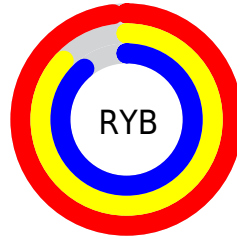
Distribution



Red (98%)

Green (87%)

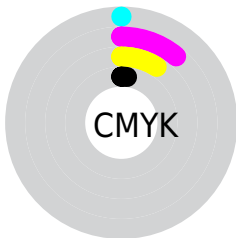
Blue (89%)



Red (98%)

Yellow (87%)

Blue (89%)

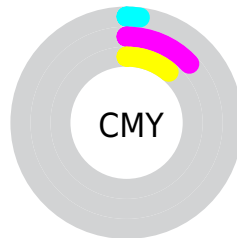


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (2%)



Cyan (2%)


Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.6454, 0.3293, 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 78.6454, 0.3293, 0.3250 by changing the saturation by 10% instead.

 78.6454, 0.3293,
0.3250

 78.6454, 0.3293,
0.3250


490.3559, 0.3217,
0.3269

 58.6043, 0.3310,
0.3246


131.4595, 0.3267,
0.3256

 42.2947, 0.3331,
0.3240


165.0014, 0.3257,
0.3259

 29.3321, 0.3358,
0.3234


203.8122, 0.3248,
0.3261

 19.3322, 0.3392,
0.3225

248.2765, 0.3240,
0.3263

 11.9106, 0.3439,
0.3213

298.7787, 0.3233,
0.3265

 6.6828, 0.3506,
0.3196

355.7030, 0.3227,

 3.2645, 0.3609,

0.3266

0.3168

419.4340, 0.3222,
0.3267

■ 1.2713, 0.3788,
0.3119

■ 0.1189, 0.7059,
0.2359

■ 78.6454, 0.3293,
0.3250

■ 78.6454, 0.3293,
0.3250

■ 65.1563, 0.3485,
0.3211

■ 94.2596, 0.3138,
0.3287

■ 53.6906, 0.3724,
0.3170

■ 99.0702, 0.3097,
0.3290

■ 44.1536, 0.4016,
0.3131

■ 36.4390, 0.4367,
0.3097

■ 30.4302, 0.4771,
0.3075

■ 25.9971, 0.5208,
0.3072

■ 22.9908, 0.5636,
0.3095

■ 21.2334, 0.5996,
0.3146

■ 20.4642, 0.6229,
0.3205

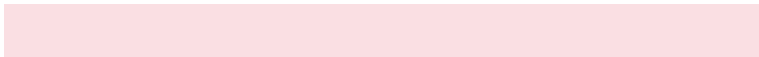
Harmonies

Analogous

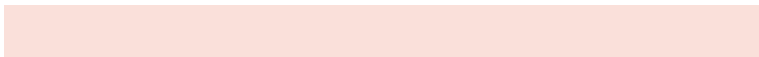
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6454, 0.3188, 0.3159



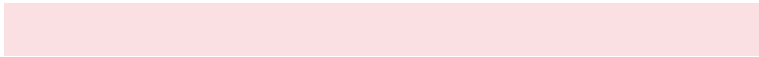
78.6454, 0.3293, 0.3250



78.6454, 0.3353, 0.3353

Triad

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



78.6454, 0.3293, 0.3250



78.6454, 0.3182, 0.3487



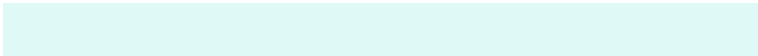
78.6454, 0.2908, 0.3135

Complementary

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



78.6454, 0.3293, 0.3250



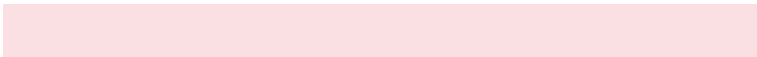
90.7345, 0.2983, 0.3330

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.



78.6454, 0.2907, 0.3221



78.6454, 0.3293, 0.3250



78.6454, 0.3064, 0.3427

Square

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



78.6454, 0.3293, 0.3250



78.6454, 0.3288, 0.3492



78.6454, 0.2963, 0.3328



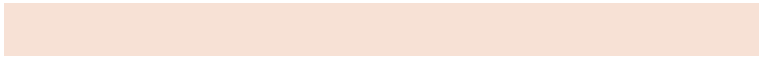
78.6454, 0.2967, 0.3092

Rectangle

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



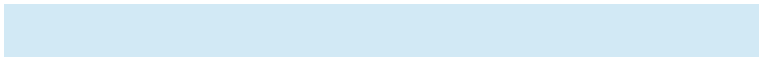
78.6454, 0.3293, 0.3250



78.6454, 0.3359, 0.3415



78.6454, 0.2963, 0.3328



78.6454, 0.2901, 0.3159

Sweetspot

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



78.6489, 0.3293, 0.3250



94.8032, 0.3169, 0.3279



79.2655, 0.3112, 0.3021



20.0020, 0.3181, 0.3276



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

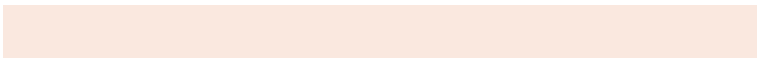
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.6489, 0.3293, 0.3250



78.9560, 0.3332, 0.3242



83.6291, 0.3309, 0.3386



17.2671, 0.3271, 0.3255



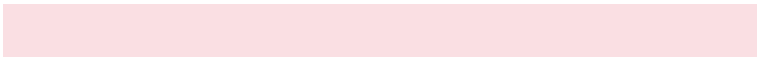
10.8642, 0.6200, 0.3189



1.0183, 0.5917, 0.3033

Inverse Universe

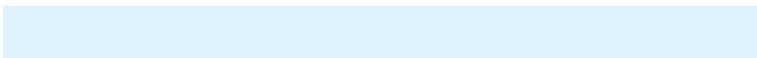
The Inverse Universe completely reimagines the original color for something new.



78.6489, 0.3293, 0.3250



78.9560, 0.3332, 0.3242



85.2476, 0.2959, 0.3192



17.2671, 0.3271, 0.3255



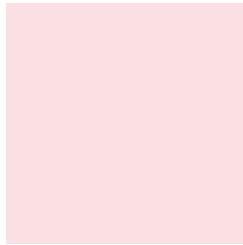
10.8642, 0.6200, 0.3189



1.0183, 0.5917, 0.3033

Previews

White Background



This preview shows how the Yxy color 78.6454, 0.3293, 0.3250 looks on a white background.

Color Contrast Check

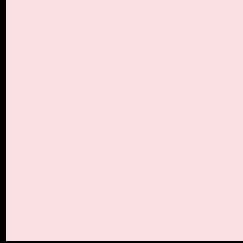
Large Text (above 18pt) WCAG AA × Fail

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 78.6454, 0.3293, 0.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

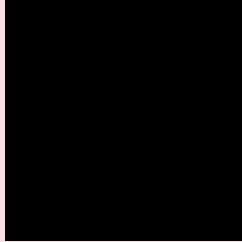
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.6454, 0.3293, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 78.6454, 0.3293, 0.3250.

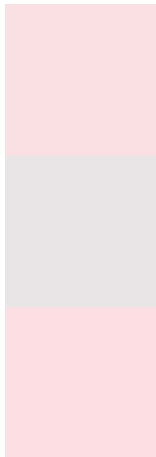


This preview shows how white text looks on a background with the Yxy color 78.6454, 0.3293, 0.3250.

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

78.6454, 0.3293, 0.3250

Protanopia

78.5236, 0.3149, 0.3269

Deuteranopia

78.4841, 0.3308, 0.3240



Tritanopia

78.6403, 0.3228, 0.3111

Trichromacy



Original Color

78.6454, 0.3293, 0.3250

Protanomaly

78.4006, 0.3198, 0.3259

Deuteranomaly

78.2978, 0.3301, 0.3240

Tritanomaly

78.7499, 0.3247, 0.3160

Monochromacy



Original Color

78.6454, 0.3293, 0.3250

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.1025, 0.3190, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6454, 0.3293, 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(250, 223, 227)` looks like.

```
.text, #text, p{  
    color:rgb(250, 223, 227)  
}
```

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(250, 223, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 227) }
```

Border

The CSS property to change the border of an element to Yxy 78.6454, 0.3293, 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(250, 223, 227) }
```

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

```
.border{ border-color:rgb(250, 223, 227) }
```

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

Here you see how a box with a 4 pixel rgb(250, 223, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 223, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 223, 227);  
box-shadow:4px 4px 4px 4px rgb(250, 223,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6454, 0.3293, 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(250, 223, 227) }
```

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

```
.background{ background-color: rgb(250,  
223, 227) }
```

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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