

Converting Colors

$Y_{xy}(77.4531, 0.3210, 0.3159)$

Have a look what the booklet for
Yxy(77.4531, 0.3210, 0.3159)
contains.

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Color

Yxy(77.6532, 0.3204, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	F5DEEB
RGB	245, 222, 235
RGB Percent	96%, 87%, 92%
CMY	0.0391, 0.1294, 0.0783
CMYK	0.00, 0.09, 0.04, 0.04
HSL	326°, 54%, 92%
HSV	326°, 9%, 96%
XYZ	78.7843, 77.6532, 89.4561
YIQ	230.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

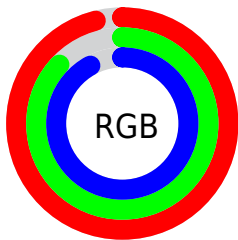
Format	Color
R _Y B	245, 222, 235
Decimal	16113387
CIE Lab	90.62, 10.11, -3.49
CIE LCh	91, 10.692, 340.959
Yxy	77.6532, 0.3204, 0.3158
Android (android.graphics.Color)	4294303467 (0xFFFF5DEEB)
YUV	230.3590, 2.2880, 12.8402
Hunter-Lab	88.1211, 5.3754, 1.4965

Details

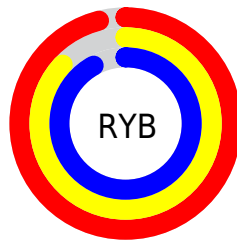
The Yxy color **77.6532, 0.3204, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86.6784, 0.3057, 0.3426**, and the grayscale version is **79.3934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7109, 0.3227, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **64.9765, 0.3302, 0.3011**, and if you desaturate by 10%, it is **92.2649, 0.3123, 0.3298**.

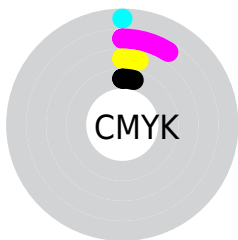
Distribution



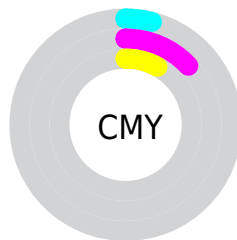
- Red (96%)
- Green (87%)
- Blue (92%)



- Red (96%)
- Yellow (87%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (4%)
- Black (4%)




- Cyan (4%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.6532, 0.3204, 0.3158 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 77.6532, 0.3204, 0.3158 by changing the saturation by 10% instead.


 77.6532, 0.3204,
0.3158

 77.6532, 0.3204,
0.3158


486.9883, 0.3169,
0.3218

 57.7891, 0.3212,
0.3145


130.0611, 0.3192,
0.3179

 41.6391, 0.3221,
0.3128

163.3738, 0.3187,
0.3187

 28.8188, 0.3233,
0.3108

201.9381, 0.3183,
0.3194

 18.9438, 0.3249,
0.3081

246.1385, 0.3180,
0.3200

 11.6297, 0.3270,
0.3046

296.3592, 0.3177,
0.3205

 6.4921, 0.3299,
0.2996

352.9849, 0.3174,

 3.1465, 0.3344,

0.3210

0.2920

416.3998, 0.3171,
0.3214

■ 1.2087, 0.3419,
0.2793

■ 0.0688, 0.4461,
0.0983

■ 77.6532, 0.3204,
0.3158

■ 77.6532, 0.3204,
0.3158

■ 64.9765, 0.3302,
0.3011

■ 92.2649, 0.3123,
0.3298

■ 54.1427, 0.3418,
0.2859

■ 98.1583, 0.3066,
0.3290

■ 45.0674, 0.3554,
0.2709

■ 37.6558, 0.3712,
0.2568

■ 31.8037, 0.3891,
0.2445

■ 27.3953, 0.4087,
0.2354

■ 24.2983, 0.4293,
0.2306

■ 22.3558, 0.4500,
0.2311

■ 21.3231, 0.4701,
0.2366

Harmonies

Analogous

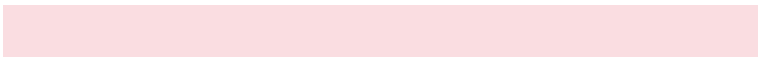
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.6532, 0.3076, 0.3093



77.6532, 0.3204, 0.3158



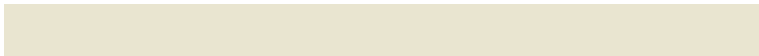
77.6532, 0.3313, 0.3257

Triad

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



77.6532, 0.3204, 0.3158



77.6532, 0.3290, 0.3508



77.6532, 0.2889, 0.3206

Complementary

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



77.6532, 0.3204, 0.3158



86.6784, 0.3057, 0.3426

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.



77.6532, 0.2944, 0.3320



77.6532, 0.3204, 0.3158



77.6532, 0.3174, 0.3497

Square

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



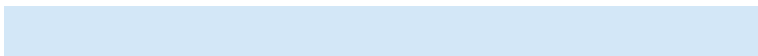
77.6532, 0.3204, 0.3158



77.6532, 0.3363, 0.3459



77.6532, 0.3048, 0.3428



77.6532, 0.2896, 0.3118

Rectangle

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



77.6532, 0.3204, 0.3158



77.6532, 0.3359, 0.3331



77.6532, 0.3048, 0.3428



77.6532, 0.2901, 0.3242

Sweetspot

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



77.6566, 0.3204, 0.3158



95.0038, 0.3150, 0.3249



75.9847, 0.3048, 0.3052



20.0560, 0.3157, 0.3237



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

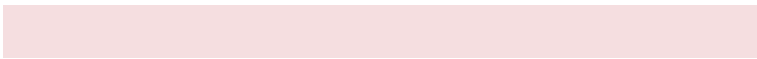
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.6566, 0.3204, 0.3158



82.6313, 0.3219, 0.3135



77.0129, 0.3282, 0.3275



16.6397, 0.3205, 0.3157



11.4850, 0.4682, 0.2353



1.0300, 0.4446, 0.2223

Inverse Universe

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



77.6566, 0.3204, 0.3158



82.6313, 0.3219, 0.3135



87.3537, 0.2991, 0.3305



16.6397, 0.3205, 0.3157



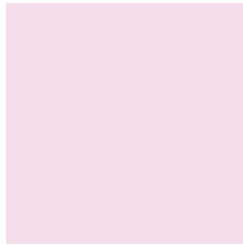
11.4850, 0.4682, 0.2353



1.0300, 0.4446, 0.2223

Previews

White Background



This preview shows how the Yxy color 77.6532, 0.3204, 0.3158 looks on a white background.

Color Contrast Check

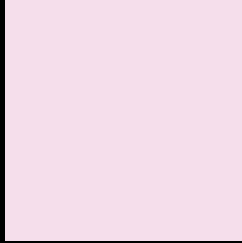
Large Text (above 18pt) WCAG AA × Fail

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 77.6532, 0.3204, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

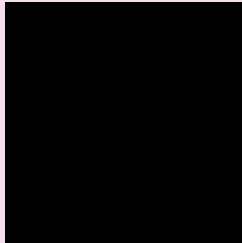
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6532, 0.3204, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 77.6532, 0.3204, 0.3158.

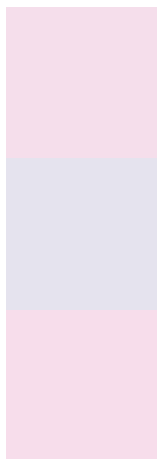


This preview shows how white text looks on a background with the Yxy color 77.6532, 0.3204, 0.3158.

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

77.6532, 0.3204, 0.3158

Protanopia

77.7692, 0.3071, 0.3175

Deuteranopia

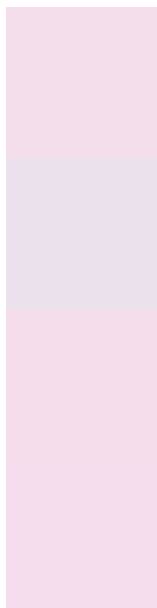
77.4852, 0.3219, 0.3149



Tritanopia

77.5377, 0.3185, 0.3109

Trichromacy



Original Color

77.6532, 0.3204, 0.3158

Protanomaly

77.6270, 0.3119, 0.3166

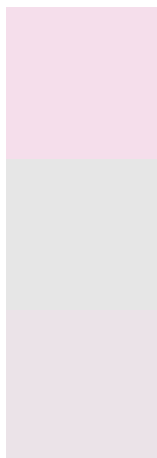
Deuteranomaly

77.3039, 0.3212, 0.3149

Tritanomaly

77.4788, 0.3192, 0.3119

Monochromacy



Original Color

77.6532, 0.3204, 0.3158

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4265, 0.3150, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6532, 0.3204, 0.3158 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(245, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(245, 222, 235)  
}
```

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(245, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 222, 235) }
```

Border

The CSS property to change the border of an element to Yxy 77.6532, 0.3204, 0.3158 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(245, 222, 235) }
```

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

```
.border{ border-color:rgb(245, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(245, 222,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6532, 0.3204, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 222, 235) }
```

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

```
.background{ background-color: rgb(245,  
222, 235) }
```

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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