

Converting Colors

$Yxy(76.4076, 0.3242, 0.3198)$

Have a look what the booklet for
Yxy(76.4076, 0.3242, 0.3198)
contains.

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Color

Yxy(76.2560, 0.3246, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	F5DCE5
RGB	245, 220, 229
RGB Percent	96%, 86%, 90%
CMY	0.0391, 0.1373, 0.1018
CMYK	0.00, 0.10, 0.07, 0.04
HSL	338°, 56%, 91%
HSV	338°, 10%, 96%
XYZ	77.4006, 76.2560, 84.7925
YIQ	228.5010, 12.0110, 8.0990

Conversions

Conversions Part 2

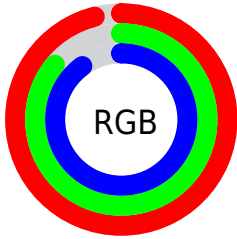
Format	Color
R _Y B	245, 220, 229
Decimal	16112869
CIE Lab	89.98, 10.11, -1.28
CIE LCh	90, 10.195, 352.765
Yxy	76.2560, 0.3246, 0.3198
Android (android.graphics.Color)	4294302949 (0xFFFF5DCE5)
YUV	228.5010, 0.2460, 14.4696
Hunter-Lab	87.3247, 5.3959, 3.5565

Details

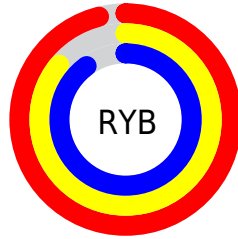
The Yxy color **76.2560, 0.3246, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.5864, 0.3021, 0.3384**, and the grayscale version is **77.9653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7851, 0.3273, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **63.4915, 0.3389, 0.3103**, and if you desaturate by 10%, it is **90.9908, 0.3129, 0.3288**.

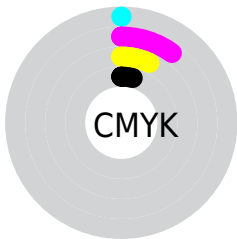
Distribution



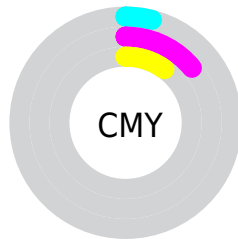
- Red (96%)
- Green (86%)
- Blue (90%)



- Red (96%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.2560, 0.3246, 0.3198 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 76.2560, 0.3246, 0.3198 by changing the saturation by 10% instead.


 76.2560, 0.3246,
0.3198

 76.2560, 0.3246,
0.3198


482.2236, 0.3192,
0.3240

 56.6425, 0.3258,
0.3189


128.0887, 0.3227,
0.3213

 40.7182, 0.3273,
0.3177


161.0767, 0.3220,
0.3218

 28.0990, 0.3293,
0.3162

199.2915, 0.3214,
0.3223

 18.4003, 0.3318,
0.3143

243.1177, 0.3208,
0.3227

 11.2378, 0.3351,
0.3117

292.9396, 0.3203,
0.3231

 6.2270, 0.3400,
0.3081

349.1417, 0.3199,

 2.9836, 0.3474,

0.3234

0.3024

412.1082, 0.3195,
0.3237

■ 1.1232, 0.3605,
0.2926

■ 0.0000, 0.7374,
0.0000

■ 76.2560, 0.3246,
0.3198

■ 76.2560, 0.3246,
0.3198

■ 63.4915, 0.3389,
0.3103

■ 90.9908, 0.3129,
0.3288

■ 52.6037, 0.3563,
0.3004

■ 98.1559, 0.3066,
0.3290

■ 43.5059, 0.3772,
0.2906

■ 36.1011, 0.4021,
0.2816

■ 30.2826, 0.4309,
0.2744

■ 25.9318, 0.4628,
0.2702

■ 22.9128, 0.4963,
0.2701

■ 21.0643, 0.5290,
0.2753

■ 20.1289, 0.5577,
0.2846

Harmonies

Analogous

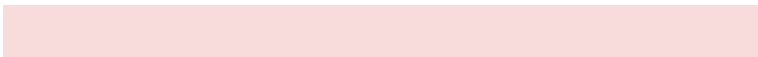
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.2560, 0.3127, 0.3120



76.2560, 0.3246, 0.3198



76.2560, 0.3334, 0.3300

Triad

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



76.2560, 0.3246, 0.3198



76.2560, 0.3243, 0.3502



76.2560, 0.2894, 0.3172

Complementary

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



76.2560, 0.3246, 0.3198



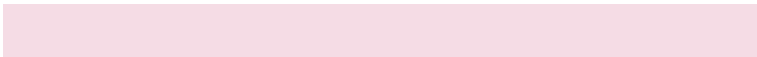
86.5864, 0.3021, 0.3384

Split Complementary

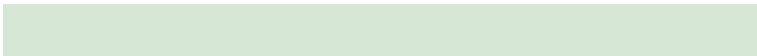
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.2560, 0.2924, 0.3275



76.2560, 0.3246, 0.3198



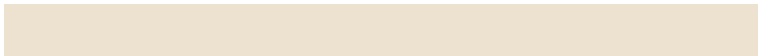
76.2560, 0.3124, 0.3469

Square

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



76.2560, 0.3246, 0.3198



76.2560, 0.3332, 0.3477



76.2560, 0.3008, 0.3384



76.2560, 0.2925, 0.3103

Rectangle

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



76.2560, 0.3246, 0.3198



76.2560, 0.3363, 0.3370



76.2560, 0.3008, 0.3384



76.2560, 0.2897, 0.3203

Sweetspot

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



76.2593, 0.3246, 0.3198



94.9050, 0.3160, 0.3264



75.5843, 0.3075, 0.3034



20.0294, 0.3169, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

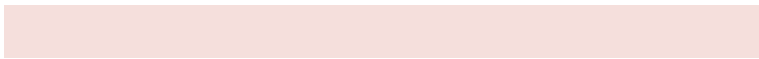
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2593, 0.3246, 0.3198



80.8110, 0.3270, 0.3181



77.5362, 0.3304, 0.3325



16.5814, 0.3237, 0.3205



10.8660, 0.5535, 0.2823



0.9740, 0.5190, 0.2633

Inverse Universe

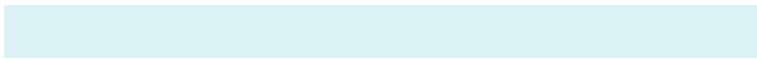
The Inverse Universe completely reimagines the original color for something new.



76.2593, 0.3246, 0.3198



80.8110, 0.3270, 0.3181



85.1243, 0.2969, 0.3255



16.5814, 0.3237, 0.3205



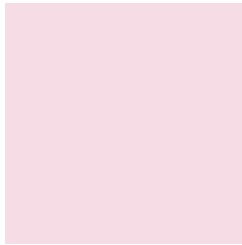
10.8660, 0.5535, 0.2823



0.9740, 0.5190, 0.2633

Previews

White Background



This preview shows how the Yxy color 76.2560, 0.3246, 0.3198 looks on a white background.

Color Contrast Check

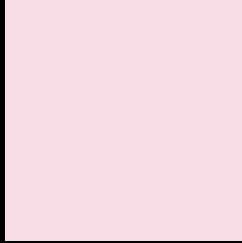
Large Text (above 18pt) WCAG AA × Fail

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 76.2560, 0.3246, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

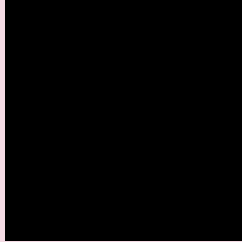
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.2560, 0.3246, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 76.2560, 0.3246, 0.3198.

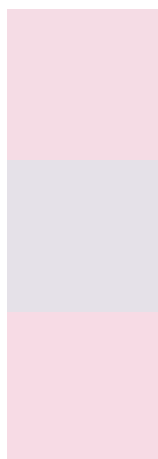


This preview shows how white text looks on a background with the Yxy color 76.2560, 0.3246, 0.3198.

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

76.2560, 0.3246, 0.3198

Protanopia

76.3346, 0.3110, 0.3216

Deuteranopia

76.0943, 0.3261, 0.3189



Tritanopia

76.3120, 0.3207, 0.3118

Trichromacy



Original Color

76.2560, 0.3246, 0.3198

Protanomaly

76.2070, 0.3159, 0.3207

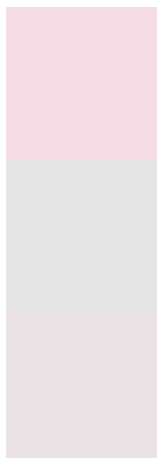
Deuteranomaly

75.9130, 0.3254, 0.3188

Tritanomaly

76.1391, 0.3227, 0.3148

Monochromacy



Original Color

76.2560, 0.3246, 0.3198

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7120, 0.3170, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2560, 0.3246, 0.3198 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, 220, 229)` looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 229)  
}
```

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, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.2560, 0.3246, 0.3198 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, 220, 229) }
```

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

```
.border{ border-color:rgb(245, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2560, 0.3246, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 229) }
```

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

```
.background{ background-color: rgb(245,  
220, 229) }
```

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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