

Converting Colors

$Yxy(75.0463, 0.3269, 0.3208)$

Have a look what the booklet for
Yxy(75.0463, 0.3269, 0.3208)
contains.

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Color

Yxy(75.0463, 0.3269, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	F5DAE2
RGB	245, 218, 226
RGB Percent	96%, 85%, 89%
CMY	0.0390, 0.1452, 0.1137
CMYK	0.00, 0.11, 0.08, 0.04
HSL	342°, 58%, 91%
HSV	342°, 11%, 96%
XYZ	76.4733, 75.0463, 82.4152
YIQ	226.9850, 13.5240, 8.2120

Conversions

Conversions Part 2

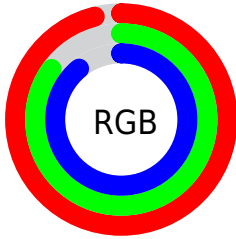
Format	Color
R _Y B	245, 218, 226
Decimal	16112354
CIE Lab	89.41, 10.67, -0.52
CIE LCh	89, 10.683, 357.213
Yxy	75.0463, 0.3269, 0.3208
Android (android.graphics.Color)	4294302434 (0xFFF5DAE2)
YUV	226.9850, -0.4856, 15.7992
Hunter-Lab	86.6293, 5.9724, 4.2346

Details

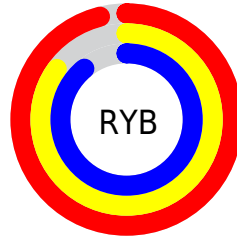
The Yxy color **75.0463, 0.3269, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3640, 0.3003, 0.3374**, and the grayscale version is **76.8081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9535, 0.3303, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **62.3671, 0.3429, 0.3129**, and if you desaturate by 10%, it is **89.7063, 0.3139, 0.3282**.

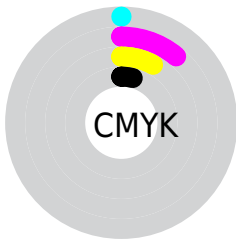
Distribution



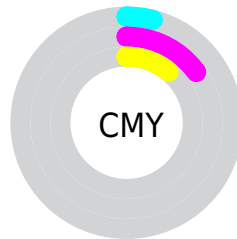
- Red (96%)
- Green (85%)
- Blue (89%)



- Red (96%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.0463, 0.3269, 0.3208 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 75.0463, 0.3269, 0.3208 by changing the saturation by 10% instead.


 75.0463, 0.3269,
0.3208

 75.0463, 0.3269,
0.3208


478.0767, 0.3204,
0.3246

 55.6508, 0.3284,
0.3199


126.3779, 0.3246,
0.3221

 39.9230, 0.3302,
0.3189


159.0828, 0.3238,
0.3226

 27.4785, 0.3325,
0.3176

196.9930, 0.3230,
0.3231

 17.9329, 0.3356,
0.3158

240.4928, 0.3223,
0.3234

 10.9019, 0.3397,
0.3134

289.9667, 0.3218,
0.3238

 6.0009, 0.3456,
0.3101

345.7991, 0.3212,

 2.8456, 0.3548,

0.3241

0.3048

408.3743, 0.3208,
0.3243

■ 1.0517, 0.3712,
0.2955

■ 0.0000, 1.0000,
0.0000

■ 75.0463, 0.3269,
0.3208

■ 75.0463, 0.3269,
0.3208

■ 62.3671, 0.3429,
0.3129

■ 89.7063, 0.3139,
0.3282

■ 51.5739, 0.3624,
0.3048

■ 98.1644, 0.3066,
0.3290

■ 42.5788, 0.3861,
0.2968

■ 35.2829, 0.4143,
0.2896

■ 29.5780, 0.4470,
0.2841

■ 25.3431, 0.4830,
0.2815

■ 22.4395, 0.5201,
0.2830

■ 20.7018, 0.5550,
0.2892

■ 19.9011, 0.5818,
0.2979

Harmonies

Analogous

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



75.0463, 0.3146, 0.3121



75.0463, 0.3269, 0.3208



75.0463, 0.3355, 0.3317

Triad

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



75.0463, 0.3269, 0.3208



75.0463, 0.3232, 0.3512



75.0463, 0.2883, 0.3152

Complementary

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



75.0463, 0.3269, 0.3208



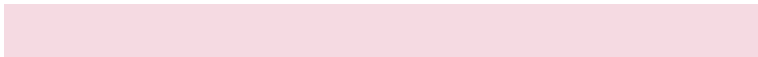
86.3640, 0.3003, 0.3374

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.



75.0463, 0.2905, 0.3256



75.0463, 0.3269, 0.3208



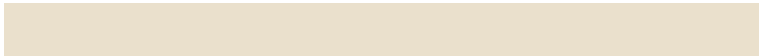
75.0463, 0.3105, 0.3468

Square

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



75.0463, 0.3269, 0.3208



75.0463, 0.3333, 0.3494



75.0463, 0.2985, 0.3373



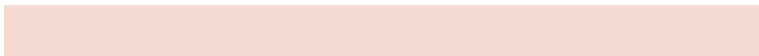
75.0463, 0.2924, 0.3087

Rectangle

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



75.0463, 0.3269, 0.3208



75.0463, 0.3378, 0.3389



75.0463, 0.2985, 0.3373



75.0463, 0.2883, 0.3183

Sweetspot

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



75.0496, 0.3269, 0.3208



94.8740, 0.3163, 0.3268



74.7244, 0.3083, 0.3013



20.0210, 0.3172, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

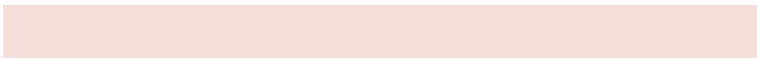
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.0496, 0.3269, 0.3208



79.2310, 0.3298, 0.3193



77.4741, 0.3318, 0.3346



16.5634, 0.3247, 0.3220



10.7357, 0.5776, 0.2956



0.9609, 0.5422, 0.2761

Inverse Universe

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



75.0496, 0.3269, 0.3208



79.2310, 0.3298, 0.3193



83.6132, 0.2956, 0.3233



16.5634, 0.3247, 0.3220



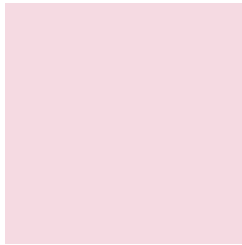
10.7357, 0.5776, 0.2956



0.9609, 0.5422, 0.2761

Previews

White Background



This preview shows how the Yxy color 75.0463, 0.3269, 0.3208 looks on a white background.

Color Contrast Check

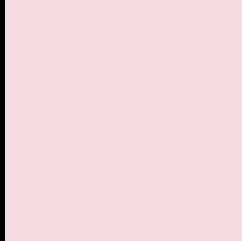
Large Text (above 18pt) WCAG AA × Fail

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 75.0463, 0.3269, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

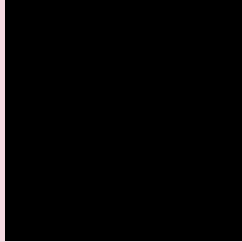
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.0463, 0.3269, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 75.0463, 0.3269, 0.3208.

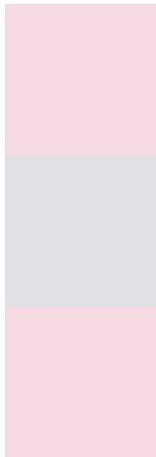


This preview shows how white text looks on a background with the Yxy color 75.0463, 0.3269, 0.3208.

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

75.0463, 0.3269, 0.3208

Protanopia

75.2993, 0.3116, 0.3237

Deuteranopia

75.2266, 0.3276, 0.3209



Tritanopia

75.1591, 0.3222, 0.3118

Trichromacy



Original Color

75.0463, 0.3269, 0.3208

Protanomaly

75.3364, 0.3173, 0.3227

Deuteranomaly

75.2266, 0.3276, 0.3209

Tritanomaly

74.9881, 0.3242, 0.3148

Monochromacy



Original Color

75.0463, 0.3269, 0.3208

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3498, 0.3178, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0463, 0.3269, 0.3208 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, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 226)  
}
```

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, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.0463, 0.3269, 0.3208 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, 218, 226) }
```

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

```
.border{ border-color:rgb(245, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(245, 218, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(245, 218, 226); box-shadow:4px 4px 4px 4px rgb(245, 218, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0463, 0.3269, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 218, 226) }
```

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

```
.background{ background-color: rgb(245,  
218, 226) }
```

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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