

Converting Colors

$Y_{xy}(75.8748, 0.3274, 0.3223)$

Have a look what the booklet for
Yxy(75.8748, 0.3274, 0.3223)
contains.

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Color

Yxy(75.7469, 0.3275, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	F6DBE2
RGB	246, 219, 226
RGB Percent	96%, 86%, 89%
CMY	0.0353, 0.1412, 0.1138
CMYK	0.00, 0.11, 0.08, 0.04
HSL	344°, 60%, 91%
HSV	344°, 11%, 96%
XYZ	77.0646, 75.7469, 82.5004
YIQ	227.8710, 13.8450, 7.9010

Conversions

Conversions Part 2

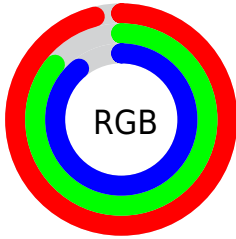
Format	Color
R _Y B	246, 219, 226
Decimal	16178146
CIE Lab	89.74, 10.46, -0.02
CIE LCh	90, 10.456, 359.900
Yxy	75.7469, 0.3275, 0.3219
Android (android.graphics.Color)	4294368226 (0xFFFF6DBE2)
YUV	227.8710, -0.9224, 15.8991
Hunter-Lab	87.0327, 5.7488, 4.7205

Details

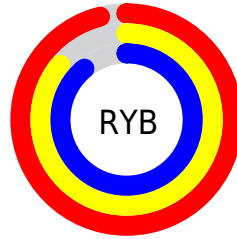
The Yxy color **75.7469, 0.3275, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2093, 0.2998, 0.3362**, and the grayscale version is **77.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4383, 0.3311, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **62.8998, 0.3443, 0.3150**, and if you desaturate by 10%, it is **90.6040, 0.3139, 0.3284**.

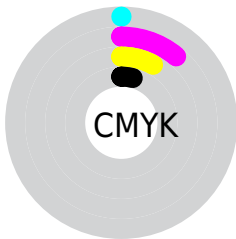
Distribution



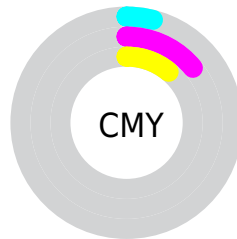
- Red (96%)
- Green (86%)
- Blue (89%)



- Red (96%)
- Yellow (86%)
- Blue (89%)



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




- Cyan (4%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7469, 0.3275, 0.3219 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 75.7469, 0.3275, 0.3219 by changing the saturation by 10% instead.


 75.7469, 0.3275,
0.3219

 75.7469, 0.3275,
0.3219

480.4808, 0.3207,
0.3252

 56.2250, 0.3290,
0.3212


127.3691, 0.3251,
0.3230

 40.3833, 0.3309,
0.3202


160.2381, 0.3242,
0.3235

 27.8376, 0.3334,
0.3191


198.3250, 0.3234,
0.3239

 18.2032, 0.3365,
0.3176

242.0141, 0.3228,
0.3242

 11.0960, 0.3408,
0.3155

291.6899, 0.3221,
0.3245

 6.1314, 0.3469,
0.3126

347.7367, 0.3216,

 2.9252, 0.3564,

0.3247

0.3080

410.5389, 0.3211,
0.3250

1.0928, 0.3733,
0.2998

0.0000, 1.0000,
0.0000

75.7469, 0.3275,
0.3219

75.7469, 0.3275,
0.3219

62.8998, 0.3443,
0.3150

90.6040, 0.3139,
0.3284

51.9664, 0.3649,
0.3079

98.3338, 0.3072,
0.3290

42.8577, 0.3900,
0.3010

35.4734, 0.4200,
0.2947

■ 29.7035, 0.4547,
0.2901

■ 25.4255, 0.4928,
0.2883

■ 22.4988, 0.5318,
0.2902

■ 20.7557, 0.5677,
0.2964

■ 19.9596, 0.5945,
0.3048

Harmonies

Analogous

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



75.7469, 0.3157, 0.3131



75.7469, 0.3275, 0.3219



75.7469, 0.3354, 0.3326

Triad

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



75.7469, 0.3275, 0.3219



75.7469, 0.3219, 0.3506



75.7469, 0.2890, 0.3148

Complementary

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



75.7469, 0.3275, 0.3219



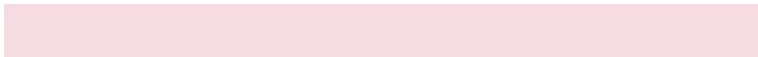
87.2093, 0.2998, 0.3362

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.



75.7469, 0.2906, 0.3247



75.7469, 0.3275, 0.3219



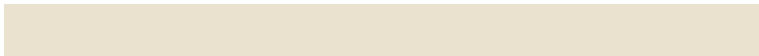
75.7469, 0.3094, 0.3457

Square

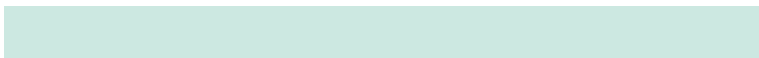
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7469, 0.3275, 0.3219



75.7469, 0.3321, 0.3493



75.7469, 0.2980, 0.3361



75.7469, 0.2935, 0.3089

Rectangle

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



75.7469, 0.3275, 0.3219



75.7469, 0.3373, 0.3396



75.7469, 0.2980, 0.3361



75.7469, 0.2888, 0.3177

Sweetspot

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



75.7502, 0.3275, 0.3219



94.8559, 0.3164, 0.3271



75.6372, 0.3090, 0.3015



20.0161, 0.3175, 0.3266



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

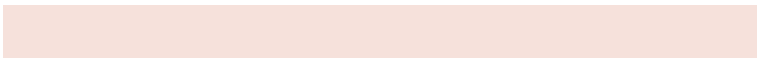
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.7502, 0.3275, 0.3219



79.1598, 0.3307, 0.3205



78.7245, 0.3316, 0.3355



16.5528, 0.3253, 0.3229



10.6724, 0.5904, 0.3026



0.9541, 0.5553, 0.2833

Inverse Universe

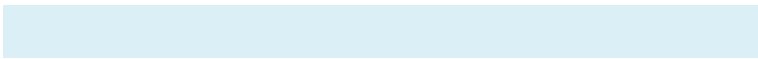
The Inverse Universe completely reimagines the original color for something new.



75.7502, 0.3275, 0.3219



79.1598, 0.3307, 0.3205



83.8621, 0.2957, 0.3224



16.5528, 0.3253, 0.3229



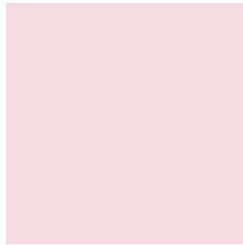
10.6724, 0.5904, 0.3026



0.9541, 0.5553, 0.2833

Previews

White Background



This preview shows how the Yxy color 75.7469, 0.3275, 0.3219 looks on a white background.

Color Contrast Check

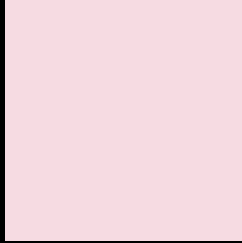
Large Text (above 18pt) WCAG AA × Fail

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 75.7469, 0.3275, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

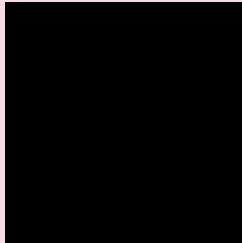
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7469, 0.3275, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 75.7469, 0.3275, 0.3219.

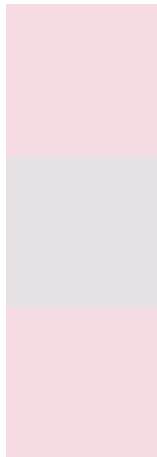


This preview shows how white text looks on a background with the Yxy color 75.7469, 0.3275, 0.3219.

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

75.7469, 0.3275, 0.3219

Protanopia

76.1656, 0.3129, 0.3248

Deuteranopia

75.9282, 0.3282, 0.3219



Tritanopia

75.9151, 0.3221, 0.3118

Trichromacy



Original Color

75.7469, 0.3275, 0.3219

Protanomaly

76.0390, 0.3179, 0.3238

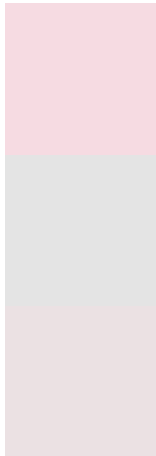
Deuteranomaly

75.9282, 0.3282, 0.3219

Tritanomaly

75.7432, 0.3242, 0.3148

Monochromacy



Original Color

75.7469, 0.3275, 0.3219

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0586, 0.3184, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7469, 0.3275, 0.3219 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(246, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(246, 219, 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(246, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 219, 226) }
```

Border

The CSS property to change the border of an element to Yxy 75.7469, 0.3275, 0.3219 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(246, 219, 226) }
```

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

```
.border{ border-color:rgb(246, 219, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 219, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(246, 219,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7469, 0.3275, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 219, 226) }
```

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

```
.background{ background-color: rgb(246,  
219, 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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