

Converting Colors

$Y_{xy}(75.6920, 0.3266, 0.3235)$

Have a look what the booklet for
Yxy(75.6920, 0.3266, 0.3235)
contains.

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Color

Yxy(75.8557, 0.3266, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F4DCE1
RGB	244, 220, 225
RGB Percent	96%, 86%, 88%
CMY	0.0432, 0.1372, 0.1176
CMYK	0.00, 0.10, 0.08, 0.04
HSL	347°, 52%, 91%
HSV	347°, 10%, 96%
XYZ	76.4880, 75.8557, 81.8511
YIQ	227.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

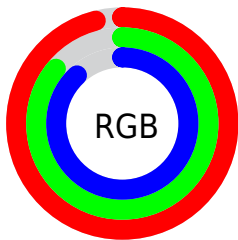
Format	Color
RYB	244, 220, 225
Decimal	16047329
CIELab	89.79, 9.07, 0.55
CIELCh	90, 9.089, 3.460
Yxy	75.8557, 0.3266, 0.3239
Android (android.graphics.Color)	4294237409 (0xFFFF4DCE1)
YUV	227.7460, -1.3538, 14.2548
Hunter-Lab	87.0952, 4.3443, 5.2465

Details

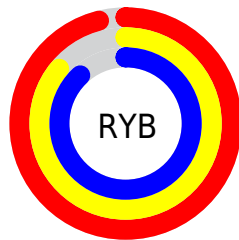
The Yxy color $75.8557, 0.3266, 0.3239$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.1388, 0.3004, 0.3342$, and the grayscale version is $77.3919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.5039, 0.3300, 0.3224$ is the 20% darker color. If you saturate the color by 10%, you get $62.9771, 0.3441, 0.3184$, and if you desaturate by 10%, it is $90.7291, 0.3125, 0.3291$.

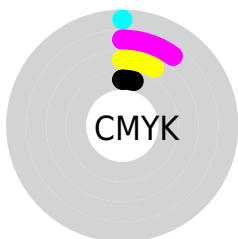
Distribution



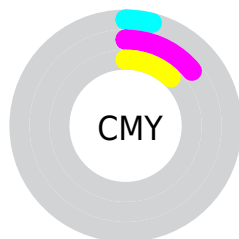
- Red (96%)
- Green (86%)
- Blue (88%)



- Red (96%)
- Yellow (86%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8557, 0.3266, 0.3239 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 75.8557, 0.3266, 0.3239 by changing the saturation by 10% instead.

 75.8557, 0.3266,
0.3239

 75.8557, 0.3266,
0.3239


480.8536, 0.3202,
0.3263

 56.3142, 0.3281,
0.3234

127.5229, 0.3244,
0.3247

 40.4549, 0.3298,
0.3227


160.4174, 0.3235,
0.3250

 27.8934, 0.3321,
0.3218


198.5317, 0.3228,
0.3253

 18.2453, 0.3351,
0.3207

242.2501, 0.3221,
0.3256

 11.1263, 0.3391,
0.3192

291.9571, 0.3216,
0.3258

 6.1518, 0.3449,
0.3171

348.0371, 0.3211,

 2.9376, 0.3539,

0.3260

0.3137

410.8745, 0.3206,
0.3261

■ 1.0992, 0.3699,
0.3075

■ 0.0000, 1.0000,
0.0000

■ 75.8557, 0.3266,
0.3239

■ 75.8557, 0.3266,
0.3239

■ 62.9771, 0.3441,
0.3184

■ 90.7291, 0.3125,
0.3291

■ 51.9988, 0.3656,
0.3127

■ 97.9698, 0.3060,
0.3290

■ 42.8334, 0.3920,
0.3070

■ 35.3829, 0.4237,
0.3020

■ 29.5398, 0.4605,
0.2983

■ 25.1846, 0.5010,
0.2969

■ 22.1808, 0.5422,
0.2988

■ 20.3667, 0.5794,
0.3044

■ 19.4801, 0.6084,
0.3126

Harmonies

Analogous

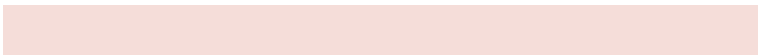
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8557, 0.3166, 0.3159



75.8557, 0.3266, 0.3239



75.8557, 0.3329, 0.3333

Triad

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



75.8557, 0.3266, 0.3239



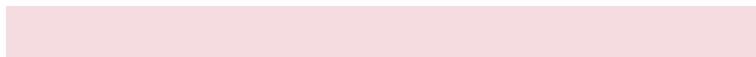
75.8557, 0.3195, 0.3475



75.8557, 0.2922, 0.3158

Complementary

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



75.8557, 0.3266, 0.3239



86.1388, 0.3004, 0.3342

Split Complementary

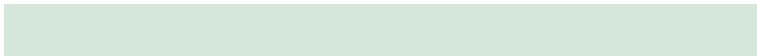
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.8557, 0.2930, 0.3242



75.8557, 0.3266, 0.3239



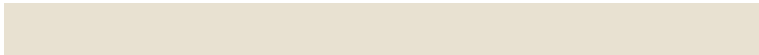
75.8557, 0.3086, 0.3427

Square

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



75.8557, 0.3266, 0.3239



75.8557, 0.3287, 0.3471



75.8557, 0.2989, 0.3341



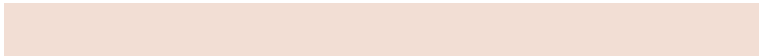
75.8557, 0.2969, 0.3112

Rectangle

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



75.8557, 0.3266, 0.3239



75.8557, 0.3340, 0.3392



75.8557, 0.2989, 0.3341



75.8557, 0.2919, 0.3183

Sweetspot

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



75.8590, 0.3266, 0.3239



94.8320, 0.3167, 0.3275



76.0368, 0.3102, 0.3046



20.0097, 0.3178, 0.3271



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.



75.8590, 0.3266, 0.3239



80.5438, 0.3301, 0.3227



79.2282, 0.3293, 0.3360



16.5391, 0.3261, 0.3241



10.6032, 0.6053, 0.3108



0.9463, 0.5717, 0.2923

Inverse Universe

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



75.8590, 0.3266, 0.3239



80.5438, 0.3301, 0.3227



82.4265, 0.2975, 0.3219



16.5391, 0.3261, 0.3241



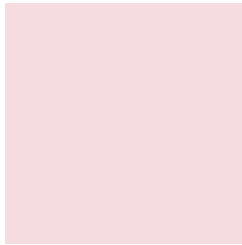
10.6032, 0.6053, 0.3108



0.9463, 0.5717, 0.2923

Previews

White Background



This preview shows how the Yxy color 75.8557, 0.3266, 0.3239 looks on a white background.

Color Contrast Check

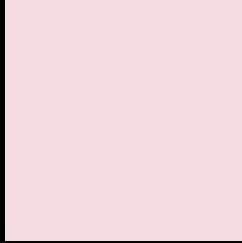
Large Text (above 18pt) WCAG AA × Fail

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 75.8557, 0.3266, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

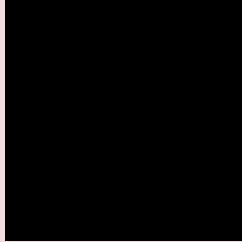
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.8557, 0.3266, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 75.8557, 0.3266, 0.3239.

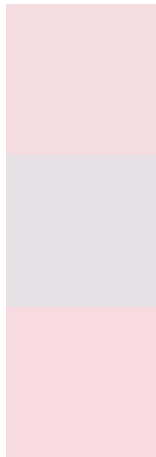


This preview shows how white text looks on a background with the Yxy color 75.8557, 0.3266, 0.3239.

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

75.8557, 0.3266, 0.3239

Protanopia

76.1099, 0.3136, 0.3258

Deuteranopia

76.0557, 0.3296, 0.3229



Tritanopia

75.5534, 0.3207, 0.3117

Trichromacy



Original Color

75.8557, 0.3266, 0.3239

Protanomaly

75.8138, 0.3178, 0.3248

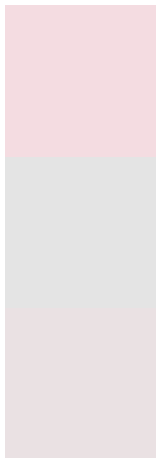
Deuteranomaly

75.8734, 0.3289, 0.3229

Tritanomaly

75.8450, 0.3233, 0.3168

Monochromacy



Original Color

75.8557, 0.3266, 0.3239

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8889, 0.3177, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8557, 0.3266, 0.3239 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(244, 220, 225)` looks like.

```
.text, #text, p{  
    color:rgb(244, 220, 225)  
}
```

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(244, 220, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 220, 225) }
```

Border

The CSS property to change the border of an element to Yxy 75.8557, 0.3266, 0.3239 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(244, 220, 225) }
```

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

```
.border{ border-color:rgb(244, 220, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 220, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 220, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 220, 225); box-shadow:4px 4px 4px 4px rgb(244, 220, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8557, 0.3266, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 220, 225) }
```

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

```
.background{ background-color: rgb(244,  
220, 225) }
```

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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