

Converting Colors

$Y_{xy}(75.0169, 0.3258, 0.3194)$

Have a look what the booklet for
Yxy(75.0169, 0.3258, 0.3194)
contains.

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Color

Yxy(75.1013, 0.3262, 0.3198)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F5DAE3 |
| RGB | 245, 218, 227 |
| RGB Percent | 96%, 85%, 89% |
| CMY | 0.0390, 0.1451, 0.1098 |
| CMYK | 0.00, 0.11, 0.07, 0.04 |
| HSL | 340°, 58%, 91% |
| HSV | 340°, 11%, 96% |
| XYZ | 76.6043, 75.1013, 83.1328 |
| YIQ | 227.0990, 13.2030, 8.5230 |

Conversions

Conversions Part 2

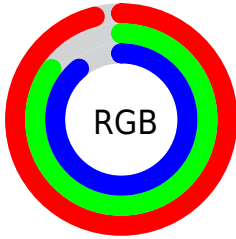
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 218, 227 |
| Decimal | 16112355 |
| CIE Lab | 89.44, 10.82, -1.00 |
| CIE LCh | 89, 10.871, 354.709 |
| Yxy | 75.1013, 0.3262, 0.3198 |
| Android (android.graphics.Color) | 4294302435 (0xFFF5DAE3) |
| YUV | 227.0990, -0.0488, 15.6992 |
| Hunter-Lab | 86.6610, 6.1289, 3.7866 |

Details

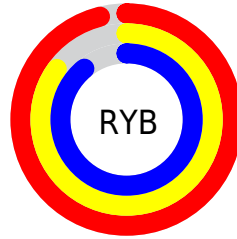
The Yxy color **75.1013, 0.3262, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2941, 0.3009, 0.3384**, and the grayscale version is **76.8902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9918, 0.3294, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **62.4619, 0.3413, 0.3109**, and if you desaturate by 10%, it is **89.7117, 0.3139, 0.3282**.

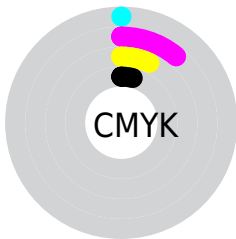
Distribution



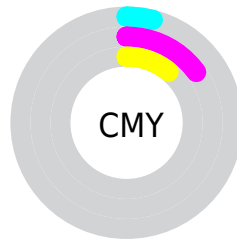
- Red (96%)
- Green (85%)
- Blue (89%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (7%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1013, 0.3262, 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 75.1013, 0.3262, 0.3198 by changing the saturation by 10% instead.


 75.1013, 0.3262,
0.3198

 75.1013, 0.3262,
0.3198

478.2657, 0.3200,
0.3240

 55.6959, 0.3276,
0.3188


126.4557, 0.3241,
0.3213

 39.9591, 0.3293,
0.3177


159.1736, 0.3232,
0.3218

 27.5067, 0.3315,
0.3162


197.0976, 0.3225,
0.3223

 17.9541, 0.3344,
0.3142

240.6124, 0.3219,
0.3227

 10.9171, 0.3383,
0.3116

290.1021, 0.3213,
0.3231

 6.0111, 0.3439,
0.3079

345.9514, 0.3208,

 2.8518, 0.3526,

0.3235

0.3021

408.5444, 0.3204,
0.3238

1.0549, 0.3680,
0.2919

0.0000, 0.9873,
0.0000

75.1013, 0.3262,
0.3198

75.1013, 0.3262,
0.3198

62.4619, 0.3413,
0.3109

89.7117, 0.3139,
0.3282

51.6990, 0.3598,
0.3018

98.1606, 0.3066,
0.3290

42.7254, 0.3821,
0.2929

35.4426, 0.4087,
0.2847

■ 29.7430, 0.4393,
0.2783

■ 25.5062, 0.4731,
0.2750

■ 22.5942, 0.5083,
0.2759

■ 20.8422, 0.5419,
0.2818

■ 20.0242, 0.5685,
0.2906

Harmonies

Analogous

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



75.1013, 0.3135, 0.3112



75.1013, 0.3262, 0.3198



75.1013, 0.3354, 0.3308

Triad

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



75.1013, 0.3262, 0.3198



75.1013, 0.3244, 0.3517



75.1013, 0.2878, 0.3157

Complementary

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



75.1013, 0.3262, 0.3198



86.2941, 0.3009, 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.



75.1013, 0.2906, 0.3265



75.1013, 0.3262, 0.3198



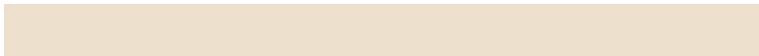
75.1013, 0.3115, 0.3477

Square

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



75.1013, 0.3262, 0.3198



75.1013, 0.3342, 0.3494



75.1013, 0.2992, 0.3384



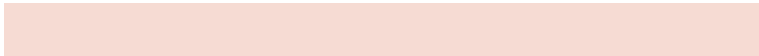
75.1013, 0.2915, 0.3087

Rectangle

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



75.1013, 0.3262, 0.3198



75.1013, 0.3381, 0.3382



75.1013, 0.2992, 0.3384



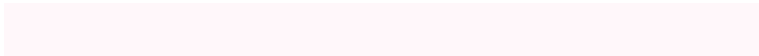
75.1013, 0.2880, 0.3190

Sweetspot

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



75.1046, 0.3262, 0.3198



94.8916, 0.3161, 0.3266



74.5706, 0.3077, 0.3013



20.0258, 0.3170, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

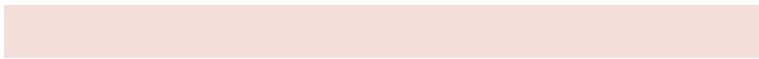
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.1046, 0.3262, 0.3198



79.3000, 0.3290, 0.3181



76.9903, 0.3319, 0.3337



16.5736, 0.3241, 0.3211



10.8058, 0.5643, 0.2882



0.9680, 0.5292, 0.2689

Inverse Universe

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



75.1046, 0.3262, 0.3198



79.3000, 0.3290, 0.3181



84.1355, 0.2957, 0.3243



16.5736, 0.3241, 0.3211



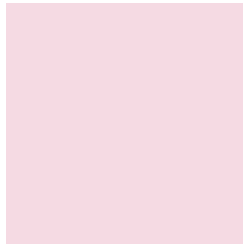
10.8058, 0.5643, 0.2882



0.9680, 0.5292, 0.2689

Previews

White Background



This preview shows how the Yxy color 75.1013, 0.3262, 0.3198 looks on a white background.

Color Contrast Check

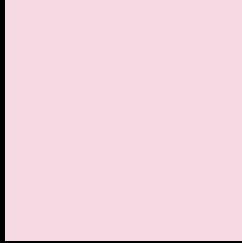
Large Text (above 18pt) WCAG AA × Fail

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 75.1013, 0.3262, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

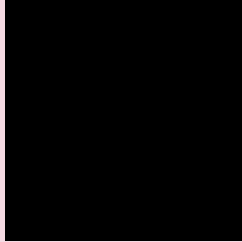
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.1013, 0.3262, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 75.1013, 0.3262, 0.3198.

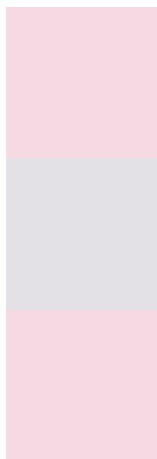


This preview shows how white text looks on a background with the Yxy color 75.1013, 0.3262, 0.3198.

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

75.1013, 0.3262, 0.3198

Protanopia

75.3554, 0.3109, 0.3226

Deuteranopia

75.2817, 0.3269, 0.3198



Tritanopia

75.1591, 0.3222, 0.3118

Trichromacy



Original Color

75.1013, 0.3262, 0.3198

Protanomaly

75.3921, 0.3166, 0.3217

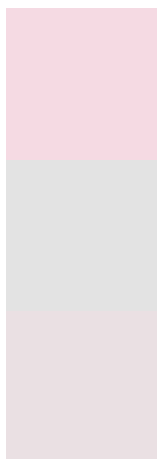
Deuteranomaly

75.2817, 0.3269, 0.3198

Tritanomaly

74.9881, 0.3242, 0.3148

Monochromacy



Original Color

75.1013, 0.3262, 0.3198

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 75.1013, 0.3262, 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, 218, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 218, 227)  
}
```

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, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 218, 227) }
```

Border

The CSS property to change the border of an element to Yxy 75.1013, 0.3262, 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, 218, 227) }
```

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

```
.border{ border-color:rgb(245, 218, 227) }
```

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, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 218, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 218, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 218,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1013, 0.3262, 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, 218, 227) }
```

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

```
.background{ background-color: rgb(245,  
218, 227) }
```

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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