

Converting Colors

$Y_{xy}(72.6972, 0.3190, 0.3062)$

Have a look what the booklet for
Yxy(72.6972, 0.3190, 0.3062)
contains.

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Color

Yxy(72.6413, 0.3196, 0.3065)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3D5EB |
| RGB | 243, 213, 235 |
| RGB Percent | 95%, 84%, 92% |
| CMY | 0.0471, 0.1647, 0.0785 |
| CMYK | 0.00, 0.12, 0.03, 0.05 |
| HSL | 316°, 56%, 89% |
| HSV | 316°, 12%, 95% |
| XYZ | 75.7460, 72.6413, 88.6153 |
| YIQ | 224.4780, 10.8180, 13.2020 |

Conversions

Conversions Part 2

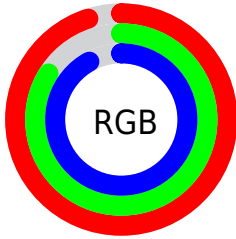
| Format | Color |
|-------------------------------------|------------------------------|
| R _{YB} | 243, 213, 235 |
| Decimal | 15980011 |
| CIE Lab | 88.28, 14.10, -6.94 |
| CIE LCh | 88, 15.715, 333.781 |
| Yxy | 72.6413, 0.3196, 0.3065 |
| Android (android.graphics.Color) | 4294170091 (0xFFFF3D5EB) |
| YUV | 224.4780, 5.1873, 16.2438 |
| Hunter-Lab | 85.2299, 9.4854, -1.9841 |

Details

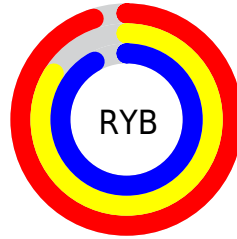
The Yxy color **72.6413, 0.3196, 0.3065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4616, 0.3065, 0.3526**, and the grayscale version is **74.8578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2732, 0.3217, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **60.9539, 0.3262, 0.2875**, and if you desaturate by 10%, it is **86.1800, 0.3139, 0.3248**.

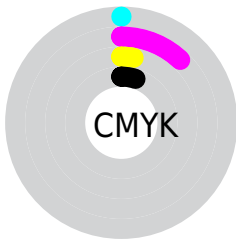
Distribution



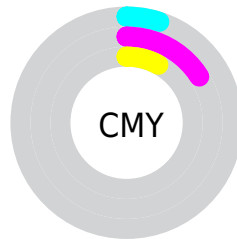
- Red (95%)
- Green (84%)
- Blue (92%)



- Red (95%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6413, 0.3196, 0.3065 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 72.6413, 0.3196, 0.3065 by changing the saturation by 10% instead.

 72.6413, 0.3196,
0.3065

 72.6413, 0.3196,
0.3065


469.7707, 0.3165,
0.3167

 53.6827, 0.3203,
0.3042


122.9679, 0.3185,
0.3100

 38.3481, 0.3211,
0.3014


155.1046, 0.3181,
0.3114

 26.2529, 0.3222,
0.2979

192.4029, 0.3178,
0.3126

 17.0130, 0.3235,
0.2933

235.2470, 0.3175,
0.3136

 10.2437, 0.3253,
0.2872

284.0215, 0.3172,
0.3145

 5.5609, 0.3278,
0.2785

339.1107, 0.3169,

 2.5799, 0.3315,

0.3154

0.2653

400.8989, 0.3167,
0.3161

0.9166, 0.3375,
0.2431

0.0000, 0.3696,
0.0000

72.6413, 0.3196,
0.3065

72.6413, 0.3196,
0.3065

60.9539, 0.3262,
0.2875

86.1800, 0.3139,
0.3248

51.0270, 0.3339,
0.2684

97.3467, 0.3093,
0.3359

42.7763, 0.3426,
0.2497

97.7561, 0.3057,
0.3295

36.1070, 0.3523,
0.2326

97.7921, 0.3053,
0.3290

■ 30.9146, 0.3628,
0.2179

■ 27.0820, 0.3738,
0.2068

■ 24.4744, 0.3850,
0.2002

■ 22.9288, 0.3959,
0.1984

■ 22.2722, 0.4040,
0.1999

Harmonies

Analogous

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



72.6413, 0.3005, 0.2984



72.6413, 0.3196, 0.3065



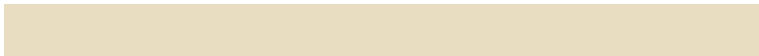
72.6413, 0.3373, 0.3201

Triad

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



72.6413, 0.3196, 0.3065



72.6413, 0.3405, 0.3608



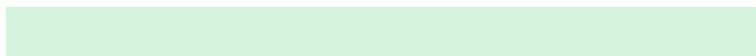
72.6413, 0.2784, 0.3200

Complementary

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



72.6413, 0.3196, 0.3065



83.4616, 0.3065, 0.3526

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.



72.6413, 0.2884, 0.3376



72.6413, 0.3196, 0.3065



72.6413, 0.3242, 0.3617

Square

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



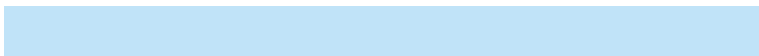
72.6413, 0.3196, 0.3065



72.6413, 0.3495, 0.3512



72.6413, 0.3051, 0.3532



72.6413, 0.2772, 0.3056

Rectangle

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



72.6413, 0.3196, 0.3065



72.6413, 0.3456, 0.3309



72.6413, 0.3051, 0.3532



72.6413, 0.2808, 0.3257

Sweetspot

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



72.6445, 0.3196, 0.3065



93.4898, 0.3148, 0.3218



69.4382, 0.2986, 0.2971



19.7568, 0.3152, 0.3205



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.



72.6445, 0.3196, 0.3065



77.3368, 0.3213, 0.3014



71.8147, 0.3301, 0.3218



16.6884, 0.3179, 0.3118



12.2490, 0.4024, 0.1990



1.0936, 0.3898, 0.1921

Inverse Universe

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



72.6445, 0.3196, 0.3065



77.3368, 0.3213, 0.3014



84.2962, 0.2978, 0.3364



16.6884, 0.3179, 0.3118



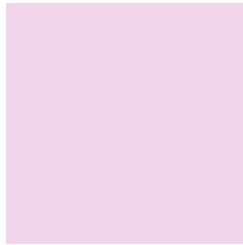
12.2490, 0.4024, 0.1990



1.0936, 0.3898, 0.1921

Previews

White Background



This preview shows how the Yxy color 72.6413, 0.3196, 0.3065 looks on a white background.

Color Contrast Check

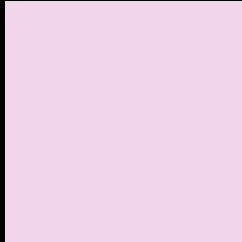
Large Text (above 18pt) WCAG AA × Fail

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 72.6413, 0.3196, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

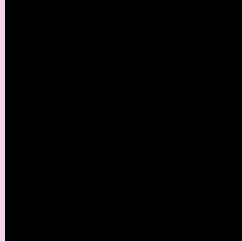
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6413, 0.3196, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 72.6413, 0.3196, 0.3065.



This preview shows how white text looks on a background with the Yxy color 72.6413, 0.3196, 0.3065.

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

72.6413, 0.3196, 0.3065

Protanopia

72.6340, 0.3004, 0.3087

Deuteranopia

72.6036, 0.3151, 0.3083



Tritanopia

72.6836, 0.3223, 0.3125

Trichromacy



Original Color

72.6413, 0.3196, 0.3065

Protanomaly

72.2927, 0.3067, 0.3069

Deuteranomaly

72.4420, 0.3166, 0.3073

Tritanomaly

72.7966, 0.3209, 0.3105

Monochromacy



Original Color

72.6413, 0.3196, 0.3065

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7768, 0.3152, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6413, 0.3196, 0.3065 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(243, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(243, 213, 235)  
}
```

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(243, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 72.6413, 0.3196, 0.3065 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(243, 213, 235) }
```

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

```
.border{ border-color:rgb(243, 213, 235) }
```

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

Here you see how a box with a 4 pixel rgb(243, 213, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(243, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6413, 0.3196, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 213, 235) }
```

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

```
.background{ background-color: rgb(243,  
213, 235) }
```

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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