

Converting Colors

$Yxy(66.6701, 0.3170, 0.2852)$

Have a look what the booklet for
Yxy(66.6701, 0.3170, 0.2852)
contains.

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Color

Yxy(66.6701, 0.3170, 0.2852)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F5C7F2 |
| RGB | 245, 199, 242 |
| RGB Percent | 96%, 78%, 95% |
| CMY | 0.0393, 0.2196, 0.0509 |
| CMYK | 0.00, 0.19, 0.01, 0.04 |
| HSL | 304°, 70%, 87% |
| HSV | 304°, 19%, 96% |
| XYZ | 74.1039, 66.6701, 92.9922 |
| YIQ | 217.6560, 13.6130, 23.1250 |

Conversions

Conversions Part 2

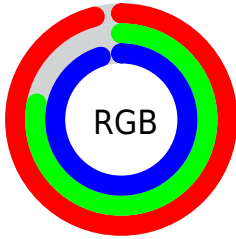
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 245, 199, 242 |
| Decimal | 16107506 |
| CIE Lab | 85.34, 23.39, -15.04 |
| CIE LCh | 85, 27.808, 327.269 |
| Yxy | 66.6701, 0.3170, 0.2852 |
| Android (android.graphics.Color) | 4294297586 (0xFFFF5C7F2) |
| YUV | 217.6560, 12.0016, 23.9807 |
| Hunter-Lab | 81.6518, 19.1089, -10.3684 |

Details

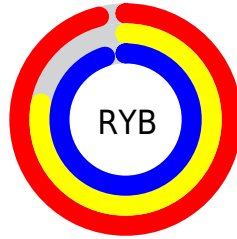
The Yxy color $66.6701, 0.3170, 0.2852$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $81.6962, 0.3086, 0.3771$, and the grayscale version is $69.7721, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.4873, 0.3172, 0.2754$ is the 20% darker color. If you saturate the color by 10%, you get $56.1980, 0.3196, 0.2615$, and if you desaturate by 10%, it is $78.9634, 0.3146, 0.3088$.

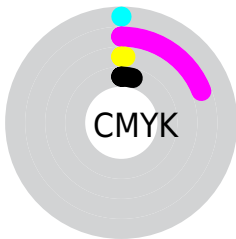
Distribution



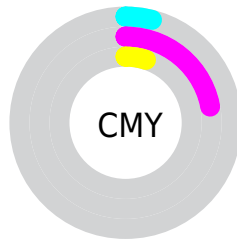
- Red (96%)
- Green (78%)
- Blue (95%)



- Red (96%)
- Yellow (78%)
- Blue (95%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (4%)





- Cyan (4%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6701, 0.3170, 0.2852 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 66.6701, 0.3170, 0.2852 by changing the saturation by 10% instead.

 66.6701, 0.3170,
0.2852

 66.6701, 0.3170,
0.2852

448.7696, 0.3153,
0.3050

 48.8166, 0.3173,
0.2808


114.4476, 0.3165,
0.2920

 34.4740, 0.3177,
0.2754


145.1403, 0.3162,
0.2947

 23.2580, 0.3181,
0.2686


180.8816, 0.3160,
0.2970

 14.7841, 0.3185,
0.2599


222.0558, 0.3159,
0.2990

 8.6680, 0.3190,
0.2483

269.0472, 0.3157,
0.3008

 4.5253, 0.3193,
0.2320


322.2405, 0.3156,


 1.9715, 0.3191,


0.3024


0.2079


382.0198, 0.3154,
0.3038


 0.5908, 0.3196,
0.1618


 0.0000, 0.1412,
0.0000


 66.6701, 0.3170,
0.2852

 66.6701, 0.3170,
0.2852


 56.1980, 0.3196,
0.2615


 78.9634, 0.3146,
0.3088

 47.4518, 0.3223,
0.2385

 93.1500, 0.3125,
0.3318


 40.3406, 0.3252,
0.2172

 97.6275, 0.3112,
0.3370

 34.7617, 0.3280,
0.1986

 97.7247, 0.3104,
0.3355


 30.6008, 0.3308,
0.1835


 97.8226, 0.3095,
0.3340


 27.7280, 0.3333,
0.1727


 97.9214, 0.3086,
0.3324

 25.9889, 0.3357,
0.1662

 98.0210, 0.3077,
0.3309

 25.1581, 0.3377,
0.1637

 98.1214, 0.3068,
0.3294

 25.0815, 0.3380,
0.1635

 98.1482, 0.3066,
0.3290

Harmonies

Analogous

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



66.6701, 0.2834, 0.2736



66.6701, 0.3170, 0.2852



66.6701, 0.3511, 0.3070

Triad

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



66.6701, 0.3170, 0.2852



66.6701, 0.3679, 0.3836



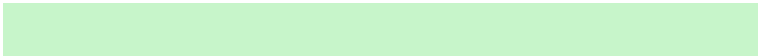
66.6701, 0.2539, 0.3182

Complementary

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



66.6701, 0.3170, 0.2852



81.6962, 0.3086, 0.3771

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.



66.6701, 0.2743, 0.3515



66.6701, 0.3170, 0.2852



66.6701, 0.3399, 0.3908

Square

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



66.6701, 0.3170, 0.2852



66.6701, 0.3812, 0.3624



66.6701, 0.3056, 0.3792



66.6701, 0.2485, 0.2904

Rectangle

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



66.6701, 0.3170, 0.2852



66.6701, 0.3688, 0.3251



66.6701, 0.3056, 0.3792



66.6701, 0.2592, 0.3292

Sweetspot

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



66.6730, 0.3170, 0.2852



90.5607, 0.3140, 0.3152



59.9036, 0.2832, 0.2777



19.1737, 0.3141, 0.3137



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.



66.6730, 0.3170, 0.2852



67.8784, 0.3181, 0.2750



65.4114, 0.3335, 0.3075



16.7489, 0.3148, 0.3071



13.5228, 0.3377, 0.1634



1.1940, 0.3354, 0.1621

Inverse Universe

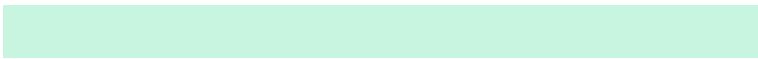
The Inverse Universe completely reimagines the original color for something new.



66.6730, 0.3170, 0.2852



67.8784, 0.3181, 0.2750



82.8318, 0.2959, 0.3516



16.7489, 0.3148, 0.3071



13.5228, 0.3377, 0.1634



1.1940, 0.3354, 0.1621

Previews

White Background



This preview shows how the Yxy color 66.6701, 0.3170, 0.2852 looks on a white background.

Color Contrast Check

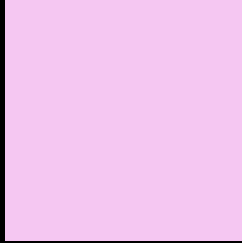
Large Text (above 18pt) WCAG AA × Fail

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 66.6701, 0.3170, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

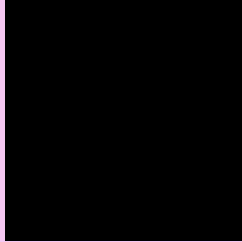
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6701, 0.3170, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 66.6701, 0.3170, 0.2852.



This preview shows how white text looks on a background with the Yxy color 66.6701, 0.3170, 0.2852.

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

66.6701, 0.3170, 0.2852

Protanopia

67.1109, 0.2840, 0.2877

Deuteranopia

66.9326, 0.3012, 0.2947



Tritanopia

66.7036, 0.3312, 0.3122

Trichromacy



Original Color

66.6701, 0.3170, 0.2852

Protanomaly

66.5567, 0.2953, 0.2864

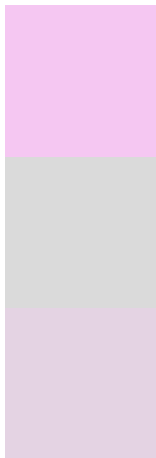
Deuteranomaly

66.8365, 0.3064, 0.2911

Tritanomaly

66.8418, 0.3262, 0.3030

Monochromacy



Original Color

66.6701, 0.3170, 0.2852

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.6286, 0.3143, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6701, 0.3170, 0.2852 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, 199, 242)` looks like.

```
.text, #text, p{  
    color:rgb(245, 199, 242)  
}
```

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, 199, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 199, 242) }
```

Border

The CSS property to change the border of an element to Yxy 66.6701, 0.3170, 0.2852 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, 199, 242) }
```

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

```
.border{ border-color:rgb(245, 199, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 199, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 199, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 199, 242);  
box-shadow:4px 4px 4px 4px rgb(245, 199,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6701, 0.3170, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 199, 242) }
```

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

```
.background{ background-color: rgb(245,  
199, 242) }
```

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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