

Converting Colors

Yxy(65.9324, 0.3158, 0.2778)

Have a look what the booklet for
Yxy(65.9324, 0.3158, 0.2778)
contains.

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Color

Yxy(66.1517, 0.3159, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	F8C4F7
RGB	248, 196, 247
RGB Percent	97%, 77%, 97%
CMY	0.0273, 0.2314, 0.0313
CMYK	0.00, 0.21, 0.00, 0.03
HSL	301°, 79%, 87%
HSV	301°, 21%, 97%
XYZ	75.2514, 66.1517, 96.8097
YIQ	217.3620, 14.6210, 26.8850

Conversions

Conversions Part 2

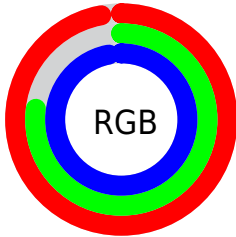
Format	Color
R _Y B	248, 196, 247
Decimal	16303351
CIE Lab	85.07, 26.89, -18.05
CIE LCh	85, 32.388, 326.127
Yxy	66.1517, 0.3159, 0.2777
Android (android.graphics.Color)	4294493431 (0xFFFF8C4F7)
YUV	217.3620, 14.6115, 26.8695
Hunter-Lab	81.3337, 22.8175, -13.6380

Details

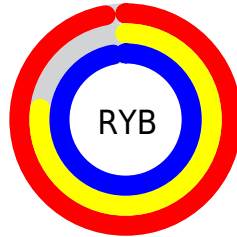
The Yxy color $66.1517, 0.3159, 0.2777$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.9247, 0.3094, 0.3863$, and the grayscale version is $69.5434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7306, 0.3128, 0.3271$, and $34.1840, 0.3157, 0.2660$ is the 20% darker color. If you saturate the color by 10%, you get $55.8455, 0.3175, 0.2532$, and if you desaturate by 10%, it is $78.3134, 0.3143, 0.3024$.

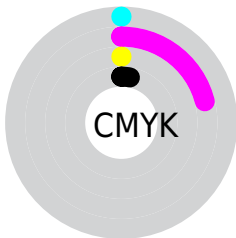
Distribution



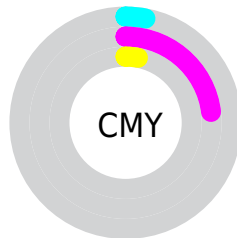
- Red (97%)
- Green (77%)
- Blue (97%)



- Red (97%)
- Yellow (77%)
- Blue (97%)



- Cyan (0%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1517, 0.3159, 0.2777 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 66.1517, 0.3159, 0.2777 by changing the saturation by 10% instead.


 66.1517, 0.3159,
0.2777

 66.1517, 0.3159,
0.2777


446.9192, 0.3148,
0.3008

 48.3956, 0.3161,
0.2726


 113.7040, 0.3156,
0.2856

 34.1402, 0.3162,
0.2663


144.2690, 0.3155,
0.2887

 23.0014, 0.3163,
0.2585

179.8724, 0.3153,
0.2914

 14.5945, 0.3163,
0.2486

220.8986, 0.3152,
0.2937

 8.5353, 0.3162,
0.2354

267.7320, 0.3151,
0.2958

 4.4393, 0.3155,
0.2172

320.7569, 0.3150,

 1.9222, 0.3136,

0.2977

0.1906

380.3579, 0.3149,
0.2993

0.5617, 0.3108,
0.1407

0.0000, 0.1713,
0.0000

66.1517, 0.3159,
0.2777

66.1517, 0.3159,
0.2777

55.8455, 0.3175,
0.2532

78.3134, 0.3143,
0.3024

47.2952, 0.3191,
0.2297

92.4065, 0.3129,
0.3267

40.4053, 0.3207,
0.2083

98.2906, 0.3121,
0.3353

35.0676, 0.3221,
0.1900

98.3210, 0.3119,
0.3348

31.1611, 0.3234,
0.1754

98.3515, 0.3116,
0.3344

28.5469, 0.3245,
0.1652

98.3821, 0.3113,
0.3339

27.0588, 0.3254,
0.1592

98.4127, 0.3110,
0.3334

26.4444, 0.3260,
0.1569

98.4434, 0.3108,
0.3329

98.4742, 0.3105,
0.3325

Harmonies

Analogous

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



66.1517, 0.2772, 0.2648



66.1517, 0.3159, 0.2777



66.1517, 0.3561, 0.3023

Triad

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



66.1517, 0.3159, 0.2777



66.1517, 0.3779, 0.3916



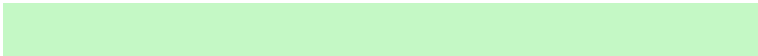
66.1517, 0.2452, 0.3173

Complementary

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



66.1517, 0.3159, 0.2777



82.9247, 0.3094, 0.3863

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.



66.1517, 0.2691, 0.3568



66.1517, 0.3159, 0.2777



66.1517, 0.3455, 0.4016

Square

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



66.1517, 0.3159, 0.2777



66.1517, 0.3929, 0.3660



66.1517, 0.3056, 0.3892



66.1517, 0.2384, 0.2848

Rectangle

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



66.1517, 0.3159, 0.2777



66.1517, 0.3774, 0.3228



66.1517, 0.3056, 0.3892



66.1517, 0.2514, 0.3303

Sweetspot

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



66.1546, 0.3159, 0.2777



90.6043, 0.3136, 0.3146



58.1053, 0.2780, 0.2706



19.1840, 0.3137, 0.3130



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.



66.1546, 0.3159, 0.2777



65.7703, 0.3165, 0.2677



64.6665, 0.3352, 0.3030



17.5183, 0.3141, 0.3061



14.2828, 0.3259, 0.1569



1.3247, 0.3253, 0.1565

Inverse Universe

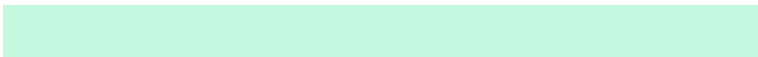
The Inverse Universe completely reimagines the original color for something new.



66.1546, 0.3159, 0.2777



65.7703, 0.3165, 0.2677



84.2143, 0.2949, 0.3566



17.5183, 0.3141, 0.3061



14.2828, 0.3259, 0.1569



1.3247, 0.3253, 0.1565

Previews

White Background



This preview shows how the Yxy color 66.1517, 0.3159, 0.2777 looks on a white background.

Color Contrast Check

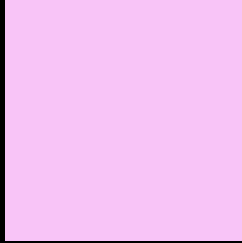
Large Text (above 18pt) WCAG AA × Fail

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 66.1517, 0.3159, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

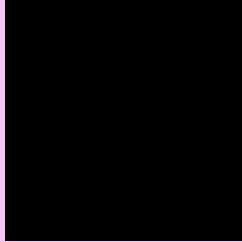
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1517, 0.3159, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 66.1517, 0.3159, 0.2777.



This preview shows how white text looks on a background with the Yxy color 66.1517, 0.3159, 0.2777.

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

66.1517, 0.3159, 0.2777

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

66.1236, 0.2951, 0.2882



Tritanopia

66.0161, 0.3345, 0.3123

Trichromacy



Original Color

66.1517, 0.3159, 0.2777

Protanomaly

66.2310, 0.2913, 0.2802

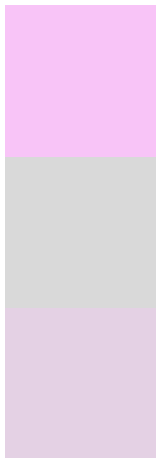
Deuteranomaly

66.0237, 0.3023, 0.2839

Tritanomaly

65.8608, 0.3273, 0.2990

Monochromacy



Original Color

66.1517, 0.3159, 0.2777

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.6963, 0.3137, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1517, 0.3159, 0.2777 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(248, 196, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 196, 247)  
}
```

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(248, 196, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 196, 247) }
```

Border

The CSS property to change the border of an element to Yxy 66.1517, 0.3159, 0.2777 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(248, 196, 247) }
```

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

```
.border{ border-color:rgb(248, 196, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 196, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 196, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 196, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 196,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1517, 0.3159, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 196, 247) }
```

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

```
.background{ background-color: rgb(248,  
196, 247) }
```

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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