

Converting Colors

$Yxy(66.2484, 0.3286, 0.2865)$

Have a look what the booklet for
Yxy(66.2484, 0.3286, 0.2865)
contains.

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Color

Yxy(66.4046, 0.3286, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3ED
RGB	255, 195, 237
RGB Percent	100%, 76%, 93%
CMY	0.0002, 0.2352, 0.0705
CMYK	0.00, 0.24, 0.07, 0.00
HSL	318°, 100%, 88%
HSV	318°, 24%, 100%
XYZ	76.0298, 66.4046, 88.9405
YIQ	217.7280, 22.2780, 25.7820

Conversions

Conversions Part 2

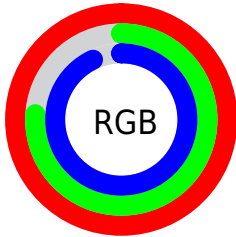
Format	Color
R _Y B	255, 195, 237
Decimal	16761837
CIE Lab	85.20, 27.93, -12.47
CIE LCh	85, 30.584, 335.936
Yxy	66.4046, 0.3286, 0.2870
Android (android.graphics.Color)	4294951917 (0xFFFFC3ED)
YUV	217.7280, 9.5011, 32.6875
Hunter-Lab	81.4890, 23.9359, -7.6693

Details

The Yxy color $66.4046, 0.3286, 0.2870$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.8985, 0.2998, 0.3751$, and the grayscale version is $69.8364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $34.3917, 0.3326, 0.2780$ is the 20% darker color. If you saturate the color by 10%, you get $55.5028, 0.3373, 0.2686$, and if you desaturate by 10%, it is $79.2818, 0.3211, 0.3053$.

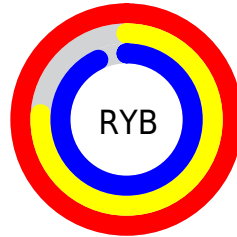
Distribution



Red (100%)

Green (76%)

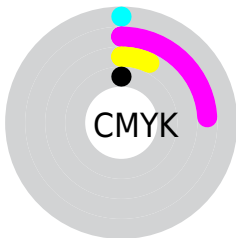
Blue (93%)



Red (100%)

Yellow (76%)

Blue (93%)

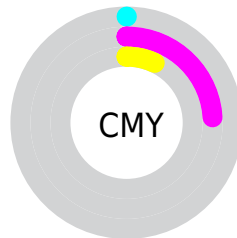


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.4046, 0.3286, 0.2870 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 66.4046, 0.3286, 0.2870 by changing the saturation by 10% instead.


 66.4046, 0.3286,
0.2870

 66.4046, 0.3286,
0.2870

447.8225, 0.3215,
0.3060

 48.6009, 0.3302,
0.2827


 114.0668, 0.3262,
0.2935

 34.3030, 0.3321,
0.2775


144.6942, 0.3252,
0.2961

 23.1265, 0.3345,
0.2710


180.3649, 0.3244,
0.2983

 14.6869, 0.3376,
0.2626

221.4634, 0.3236,
0.3002

 8.6000, 0.3416,
0.2514

268.3739, 0.3230,
0.3019

 4.4812, 0.3473,
0.2357


321.4811, 0.3224,


 1.9462, 0.3555,


0.3035


0.2124


381.1691, 0.3219,
0.3048


 0.5759, 0.3721,
0.1659


 0.0000, 0.3760,
0.0000


 66.4046, 0.3286,
0.2870


 66.4046, 0.3286,
0.2870

 55.5028, 0.3373,
0.2686


 79.2818, 0.3211,
0.3053

 46.4684, 0.3472,
0.2507

 94.2179, 0.3147,
0.3230

 39.1962, 0.3583,
0.2344

99.9913, 0.3127,
0.3290

 33.5673, 0.3704,
0.2207

■ 29.4477, 0.3831,
0.2106

■ 26.6822, 0.3960,
0.2052

■ 25.0820, 0.4086,
0.2049

■ 24.4911, 0.4166,
0.2069

Harmonies

Analogous

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



66.4046, 0.2904, 0.2707



66.4046, 0.3286, 0.2870



66.4046, 0.3643, 0.3131

Triad

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



66.4046, 0.3286, 0.2870



66.4046, 0.3657, 0.3933



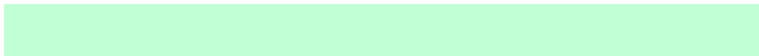
66.4046, 0.2448, 0.3069

Complementary

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



66.4046, 0.3286, 0.2870



87.8985, 0.2998, 0.3751

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.



66.4046, 0.2626, 0.3431



66.4046, 0.3286, 0.2870



66.4046, 0.3317, 0.3959

Square

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



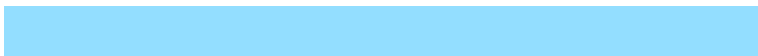
66.4046, 0.3286, 0.2870



66.4046, 0.3860, 0.3732



66.4046, 0.2940, 0.3772



66.4046, 0.2440, 0.2800

Rectangle

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



66.4046, 0.3286, 0.2870



66.4046, 0.3807, 0.3335



66.4046, 0.2940, 0.3772



66.4046, 0.2489, 0.3184

Sweetspot

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



66.4076, 0.3286, 0.2870



88.7959, 0.3168, 0.3169



60.2557, 0.2841, 0.2646



18.8097, 0.3172, 0.3159



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.



66.4076, 0.3286, 0.2870



61.2941, 0.3324, 0.2787



64.8468, 0.3512, 0.3158



18.2023, 0.3184, 0.3125



12.8300, 0.4146, 0.2058



1.2685, 0.4013, 0.1984

Inverse Universe

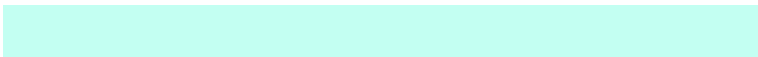
The Inverse Universe completely reimagines the original color for something new.



66.4076, 0.3286, 0.2870



61.2941, 0.3324, 0.2787



89.5051, 0.2845, 0.3428



18.2023, 0.3184, 0.3125



12.8300, 0.4146, 0.2058



1.2685, 0.4013, 0.1984

Previews

White Background



This preview shows how the Yxy color 66.4046, 0.3286, 0.2870 looks on a white background.

Color Contrast Check

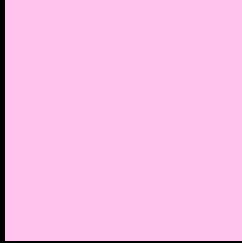
Large Text (above 18pt) WCAG AA × Fail

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 66.4046, 0.3286, 0.2870 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 66.4046, 0.3286, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 66.4046, 0.3286, 0.2870.



This preview shows how white text looks on a background with the Yxy color 66.4046, 0.3286, 0.2870.

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

66.4046, 0.3286, 0.2870

Protanopia

66.6312, 0.2858, 0.2887

Deuteranopia

66.4711, 0.3060, 0.2989



Tritanopia

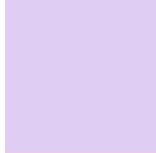
66.3973, 0.3434, 0.3136

Trichromacy



Original Color

66.4046, 0.3286, 0.2870



Protanomaly

66.0416, 0.3000, 0.2876



Deuteranomaly

66.4302, 0.3136, 0.2944



Tritanomaly

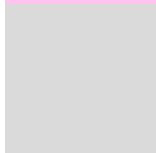
66.5447, 0.3382, 0.3046

Monochromacy



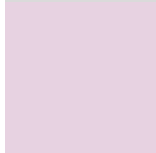
Original Color

66.4046, 0.3286, 0.2870



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.5184, 0.3179, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4046, 0.3286, 0.2870 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(255, 195, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 237)  
}
```

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(255, 195, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 237) }
```

Border

The CSS property to change the border of an element to Yxy 66.4046, 0.3286, 0.2870 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(255, 195, 237) }
```

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

```
.border{ border-color:rgb(255, 195, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4046, 0.3286, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 237) }
```

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

```
.background{ background-color: rgb(255,  
195, 237) }
```

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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