

Converting Colors

Yxy(66.4187, 0.3540, 0.2899)

Have a look what the booklet for
Yxy(66.4187, 0.3540, 0.2899)
contains.

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Color

Yxy(61.9792, 0.3366, 0.2865)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAE4
RGB	255, 186, 228
RGB Percent	100%, 73%, 89%
CMY	0.0000, 0.2707, 0.1058
CMYK	0.00, 0.27, 0.11, 0.00
HSL	323°, 100%, 86%
HSV	323°, 27%, 100%
XYZ	72.8174, 61.9792, 81.5356
YIQ	211.4190, 27.6420, 27.6900

Conversions

Conversions Part 2

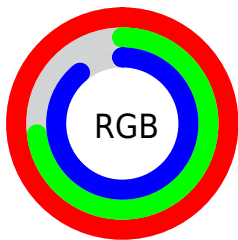
Format	Color
R _Y B	255, 186, 228
Decimal	16759524
CIE Lab	82.90, 31.21, -11.10
CIE LCh	83, 33.123, 340.426
Yxy	61.9792, 0.3366, 0.2865
Android (android.graphics.Color)	4294949604 (0xFFFFBAE4)
YUV	211.4190, 8.1744, 38.2205
Hunter-Lab	78.7269, 27.3294, -6.2965

Details

The Yxy color $61.9792, 0.3366, 0.2865$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.7592, 0.2946, 0.3758$, and the grayscale version is $65.3570, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $31.3900, 0.3413, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $51.6335, 0.3484, 0.2703$, and if you desaturate by 10%, it is $74.2606, 0.3264, 0.3027$.

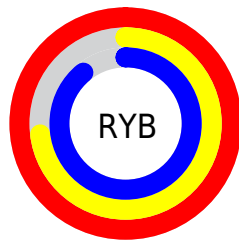
Distribution



Red (100%)

Green (73%)

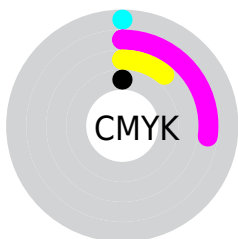
Blue (89%)



Red (100%)

Yellow (73%)

Blue (89%)

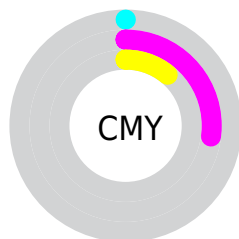


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9792, 0.3366, 0.2865 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 61.9792, 0.3366, 0.2865 by changing the saturation by 10% instead.


 61.9792, 0.3366,
0.2865

 61.9792, 0.3366,
0.2865


431.8552, 0.3256,
0.3060

 45.0159, 0.3391,
0.2821


 107.6955, 0.3328,
0.2932

 31.4699, 0.3422,
0.2767


137.2172, 0.3313,
0.2959

 20.9570, 0.3461,
0.2698


171.6939, 0.3300,
0.2981

 13.0925, 0.3512,
0.2610

211.5099, 0.3289,
0.3001

 7.4923, 0.3581,
0.2490

257.0497, 0.3279,
0.3018

 3.7718, 0.3680,
0.2320


308.6975, 0.3271,


 1.5468, 0.3833,


0.3034


0.2062


366.8379, 0.3263,
0.3048


 0.3213, 0.4276,
0.1263


 0.0000, 1.0000,
0.0000


 61.9792, 0.3366,
0.2865

 61.9792, 0.3366,
0.2865

 51.6335, 0.3484,
0.2703

 74.2606, 0.3264,
0.3027

 43.1409, 0.3621,
0.2549

 88.5925, 0.3179,
0.3184

 36.3827, 0.3776,
0.2412

100.0000, 0.3127,
0.3290

 31.2347, 0.3945,
0.2303

■ 27.5561, 0.4125,
0.2236

■ 25.1814, 0.4306,
0.2219

■ 23.8990, 0.4483,
0.2255

■ 23.6369, 0.4535,
0.2272

Harmonies

Analogous

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



61.9792, 0.2939, 0.2668



61.9792, 0.3366, 0.2865



61.9792, 0.3747, 0.3161

Triad

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



61.9792, 0.3366, 0.2865



61.9792, 0.3662, 0.4020



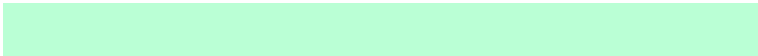
61.9792, 0.2366, 0.2989

Complementary

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



61.9792, 0.3366, 0.2865



86.7592, 0.2946, 0.3758

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.



61.9792, 0.2533, 0.3382



61.9792, 0.3366, 0.2865



61.9792, 0.3272, 0.4020

Square

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



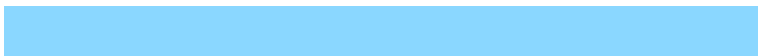
61.9792, 0.3366, 0.2865



61.9792, 0.3918, 0.3816



61.9792, 0.2859, 0.3779



61.9792, 0.2386, 0.2717

Rectangle

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



61.9792, 0.3366, 0.2865



61.9792, 0.3910, 0.3387



61.9792, 0.2859, 0.3779



61.9792, 0.2401, 0.3111

Sweetspot

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



61.9726, 0.3366, 0.2865



87.1648, 0.3186, 0.3169



56.3926, 0.2840, 0.2546



18.1730, 0.3198, 0.3146



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.



61.9726, 0.3366, 0.2865



56.6338, 0.3422, 0.2785



60.2668, 0.3648, 0.3208



18.1730, 0.3198, 0.3146



12.3810, 0.4507, 0.2257



1.2270, 0.4318, 0.2153

Inverse Universe

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



61.9726, 0.3366, 0.2865



56.6338, 0.3422, 0.2785



88.6690, 0.2771, 0.3375



18.1730, 0.3198, 0.3146



12.3810, 0.4507, 0.2257



1.2270, 0.4318, 0.2153

Previews

White Background



This preview shows how the Yxy color 61.9792, 0.3366, 0.2865 looks on a white background.

Color Contrast Check

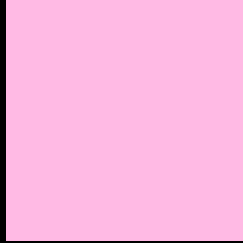
Large Text (above 18pt) WCAG AA × Fail

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 61.9792, 0.3366, 0.2865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

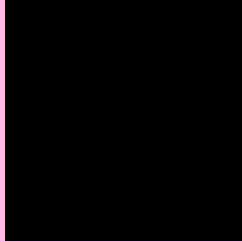
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9792, 0.3366, 0.2865

Background



This preview shows how black text looks on a background with the Yxy color 61.9792, 0.3366, 0.2865.



This preview shows how white text looks on a background with the Yxy color 61.9792, 0.3366, 0.2865.

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

61.9792, 0.3366, 0.2865

Protanopia

62.2333, 0.2857, 0.2897

Deuteranopia

62.1150, 0.3086, 0.3024



Tritanopia

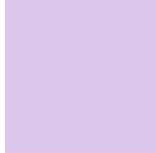
61.9301, 0.3522, 0.3135

Trichromacy



Original Color

61.9792, 0.3366, 0.2865



Protanomaly

61.6599, 0.3025, 0.2877



Deuteranomaly

61.9598, 0.3181, 0.2968



Tritanomaly

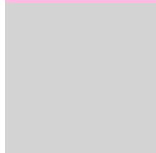
62.0819, 0.3466, 0.3043

Monochromacy



Original Color

61.9792, 0.3366, 0.2865



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.5817, 0.3212, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9792, 0.3366, 0.2865 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, 186, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 228)  
}
```

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, 186, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 228) }
```

Border

The CSS property to change the border of an element to Yxy 61.9792, 0.3366, 0.2865 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, 186, 228) }
```

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

```
.border{ border-color:rgb(255, 186, 228) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9792, 0.3366, 0.2865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 228) }
```

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

```
.background{ background-color: rgb(255,  
186, 228) }
```

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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