

Converting Colors

$Yxy(92.6423, 0.4274, 0.3169)$

Have a look what the booklet for
Yxy(92.6423, 0.4274, 0.3169)
contains.

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Color

Yxy(66.0475, 0.3461, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5D6
RGB	255, 197, 214
RGB Percent	100%, 77%, 84%
CMY	0.0001, 0.2274, 0.1607
CMYK	0.00, 0.23, 0.16, 0.00
HSL	342°, 100%, 89%
HSV	342°, 23%, 100%
XYZ	73.3367, 66.0475, 72.5103
YIQ	216.2800, 29.1110, 17.5830

Conversions

Conversions Part 2

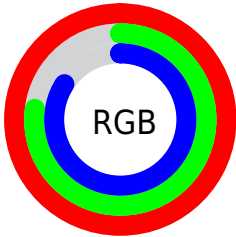
Format	Color
R _Y B	255, 197, 214
Decimal	16762326
CIE Lab	85.02, 23.16, -0.48
CIE LCh	85, 23.168, 358.814
Yxy	66.0475, 0.3461, 0.3117
Android (android.graphics.Color)	4294952406 (0xFFFFC5D6)
YUV	216.2800, -1.1240, 33.9574
Hunter-Lab	81.2696, 18.8543, 3.9891

Details

The Yxy color $66.0475, 0.3461, 0.3117$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.5448, 0.2876, 0.3471$, and the grayscale version is $68.8642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $34.1539, 0.3552, 0.3081$ is the 20% darker color. If you saturate the color by 10%, you get $54.5624, 0.3665, 0.3036$, and if you desaturate by 10%, it is $79.5986, 0.3295, 0.3196$.

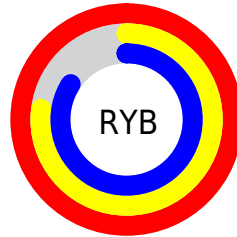
Distribution



Red (100%)

Green (77%)

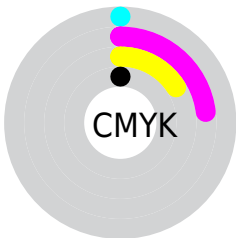
Blue (84%)



Red (100%)

Yellow (77%)

Blue (84%)

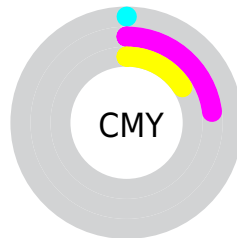


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (23%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0475, 0.3461, 0.3117 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 66.0475, 0.3461, 0.3117 by changing the saturation by 10% instead.

 66.0475, 0.3461,
0.3117

 66.0475, 0.3461,
0.3117


446.5467, 0.3304,
0.3198

 48.3110, 0.3498,
0.3098


113.5545, 0.3406,
0.3145

 34.0732, 0.3543,
0.3075

144.0938, 0.3385,
0.3157

 22.9498, 0.3601,
0.3044


179.6694, 0.3366,
0.3166

 14.5565, 0.3679,
0.3005

220.6658, 0.3351,
0.3174

 8.5087, 0.3786,
0.2950

267.4673, 0.3337,
0.3181

 4.4221, 0.3944,
0.2868

320.4584, 0.3324,

 1.9124, 0.4201,

0.3188

0.2737

380.0234, 0.3314,
0.3193

0.5558, 0.4838,
0.2402

0.0000, 1.0000,
0.0000

66.0475, 0.3461,
0.3117

66.0475, 0.3461,
0.3117

54.5624, 0.3665,
0.3036

79.5986, 0.3295,
0.3196

45.0327, 0.3911,
0.2958

95.3015, 0.3159,
0.3271

37.3508, 0.4204,
0.2889

99.9943, 0.3127,
0.3290

31.3952, 0.4540,
0.2839

■ 27.0295, 0.4907,
0.2820

■ 24.0968, 0.5279,
0.2844

■ 22.4072, 0.5621,
0.2915

■ 21.7593, 0.5834,
0.2988

Harmonies

Analogous

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



66.0475, 0.3180, 0.2927



66.0475, 0.3461, 0.3117



66.0475, 0.3654, 0.3353

Triad

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



66.0475, 0.3461, 0.3117



66.0475, 0.3343, 0.3802



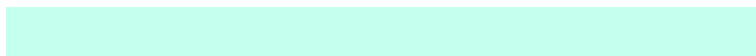
66.0475, 0.2587, 0.2960

Complementary

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



66.0475, 0.3461, 0.3117



89.5448, 0.2876, 0.3471

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.



66.0475, 0.2627, 0.3189



66.0475, 0.3461, 0.3117



66.0475, 0.3055, 0.3696

Square

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



66.0475, 0.3461, 0.3117



66.0475, 0.3581, 0.3755



66.0475, 0.2795, 0.3464



66.0475, 0.2683, 0.2832

Rectangle

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



66.0475, 0.3461, 0.3117



66.0475, 0.3701, 0.3512



66.0475, 0.2795, 0.3464



66.0475, 0.2585, 0.3027

Sweetspot

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



66.0505, 0.3461, 0.3117



88.3493, 0.3214, 0.3239



65.2637, 0.3026, 0.2700



18.7063, 0.3222, 0.3235



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.



66.0505, 0.3461, 0.3117



60.9140, 0.3543, 0.3083



70.6951, 0.3571, 0.3410



18.0747, 0.3248, 0.3221



11.3952, 0.5792, 0.2964



1.1276, 0.5472, 0.2788

Inverse Universe

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



66.0505, 0.3461, 0.3117



60.9140, 0.3543, 0.3083



83.4192, 0.2780, 0.3166



18.0747, 0.3248, 0.3221



11.3952, 0.5792, 0.2964



1.1276, 0.5472, 0.2788

Previews

White Background



This preview shows how the Yxy color 66.0475, 0.3461, 0.3117 looks on a white background.

Color Contrast Check

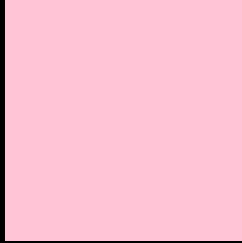
Large Text (above 18pt) WCAG AA × Fail

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 66.0475, 0.3461, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

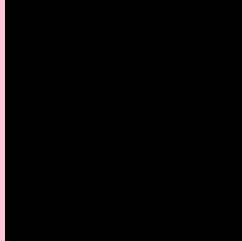
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0475, 0.3461, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 66.0475, 0.3461, 0.3117.



This preview shows how white text looks on a background with the Yxy color 66.0475, 0.3461, 0.3117.

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

66.0475, 0.3461, 0.3117

Protanopia

66.1586, 0.3074, 0.3168

Deuteranopia

66.2197, 0.3291, 0.3226



Tritanopia

65.9966, 0.3469, 0.3127

Trichromacy



Original Color

66.0475, 0.3461, 0.3117

Protanomaly

65.9151, 0.3210, 0.3150

Deuteranomaly

66.2167, 0.3349, 0.3185

Tritanomaly

65.9966, 0.3469, 0.3127

Monochromacy



Original Color

66.0475, 0.3461, 0.3117

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.3302, 0.3243, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0475, 0.3461, 0.3117 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, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 214)  
}
```

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, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 66.0475, 0.3461, 0.3117 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, 197, 214) }
```

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

```
.border{ border-color:rgb(255, 197, 214) }
```

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

Here you see how a box with a 4 pixel rgb(255, 197, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0475, 0.3461, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 214) }
```

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

```
.background{ background-color: rgb(255,  
197, 214) }
```

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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