

Converting Colors

Yxy(66.3170, 0.3597, 0.3323)

Have a look what the booklet for
Yxy(66.3170, 0.3597, 0.3323)
contains.

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Color

Yxy(66.0924, 0.3601, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7C4
RGB	255, 199, 196
RGB Percent	100%, 78%, 77%
CMY	0.0000, 0.2197, 0.2313
CMYK	0.00, 0.22, 0.23, 0.00
HSL	3°, 100%, 88%
HSV	3°, 23%, 100%
XYZ	71.6432, 66.0924, 61.2180
YIQ	215.4020, 34.3390, 10.9390

Conversions

Conversions Part 2

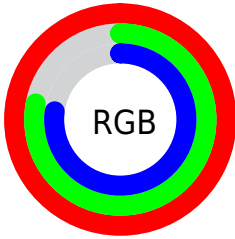
Format	Color
R_{YB}	255, 199, 196
Decimal	16762820
CIE _{Lab}	85.04, 19.51, 9.14
CIE _{LCh}	85, 21.543, 25.111
Yxy	66.0924, 0.3601, 0.3322
Android (android.graphics.Color)	4294952900 (0xFFFFC7C4)
YUV	215.4020, -9.5652, 34.7274
Hunter-Lab	81.2972, 15.0330, 12.2618

Details

The Yxy color **66.0924, 0.3601, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.6041, 0.2781, 0.3258**, and the grayscale version is **68.2840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **34.0741, 0.3719, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **54.7499, 0.3890, 0.3337**, and if you desaturate by 10%, it is **79.3922, 0.3366, 0.3308**.

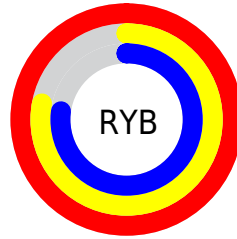
Distribution



Red (100%)

Green (78%)

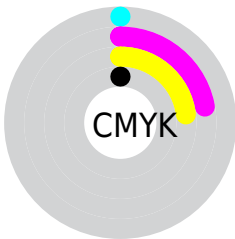
Blue (77%)



Red (100%)

Yellow (78%)

Blue (77%)

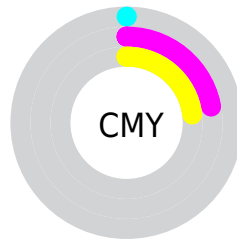


Cyan (0%)

Magenta (22%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0924, 0.3601, 0.3322 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 66.0924, 0.3601, 0.3322 by changing the saturation by 10% instead.


 66.0924, 0.3601,
0.3322

 66.0924, 0.3601,
0.3322

446.7073, 0.3376,
0.3311

 48.3474, 0.3654,
0.3324

113.6189, 0.3522,
0.3319

 34.1021, 0.3720,
0.3325


144.1693, 0.3491,
0.3318

 22.9720, 0.3805,
0.3326


179.7569, 0.3465,
0.3316

 14.5729, 0.3917,
0.3326

220.7661, 0.3443,
0.3315

 8.5202, 0.4074,
0.3322

267.5814, 0.3423,
0.3314

 4.4296, 0.4308,
0.3311


320.5870, 0.3405,

 1.9166, 0.4687,


0.3313


0.3278


380.1675, 0.3390,
0.3312

 0.5583, 0.6458,
0.3542


 0.0000, 0.0000,
0.0000


 66.0924, 0.3601,
0.3322


 66.0924, 0.3601,
0.3322

 54.7499, 0.3890,
0.3337


 79.3922, 0.3366,
0.3308

 45.2915, 0.4243,
0.3351

 94.7571, 0.3178,
0.3294

 37.6091, 0.4659,
0.3363

100.0000, 0.3127,
0.3290

 31.5917, 0.5121,
0.3369

■ 27.1161, 0.5589,
0.3367

■ 24.0418, 0.5996,
0.3354

■ 22.2028, 0.6273,
0.3332

■ 21.5428, 0.6376,
0.3319

Harmonies

Analogous

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



66.0924, 0.3408, 0.3104



66.0924, 0.3601, 0.3322



66.0924, 0.3660, 0.3542

Triad

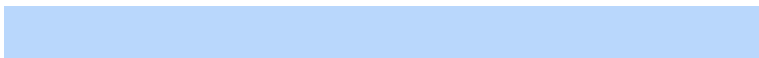
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.0924, 0.3601, 0.3322



66.0924, 0.3094, 0.3686



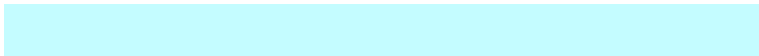
66.0924, 0.2696, 0.2872

Complementary

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



66.0924, 0.3601, 0.3322



88.6041, 0.2781, 0.3258

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.



66.0924, 0.2621, 0.3006



66.0924, 0.3601, 0.3322



66.0924, 0.2844, 0.3482

Square

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



66.0924, 0.3601, 0.3322



66.0924, 0.3360, 0.3767



66.0924, 0.2674, 0.3228



66.0924, 0.2883, 0.2850

Rectangle

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



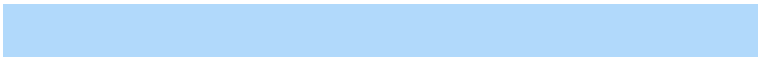
66.0924, 0.3601, 0.3322



66.0924, 0.3615, 0.3662



66.0924, 0.2674, 0.3228



66.0924, 0.2657, 0.2905

Sweetspot

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



66.0856, 0.3601, 0.3322



88.5591, 0.3246, 0.3299



67.7814, 0.3175, 0.2739



18.7546, 0.3257, 0.3300



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.



66.0856, 0.3601, 0.3322



60.3229, 0.3734, 0.3329



80.9868, 0.3534, 0.3619



18.1332, 0.3293, 0.3303



11.3172, 0.6366, 0.3327



1.1511, 0.6285, 0.3392

Inverse Universe

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



88.6041, 0.2781, 0.3258



86.6153, 0.2715, 0.3250



71.5004, 0.2756, 0.2937



20.3159, 0.2980, 0.3278



37.0848, 0.2204, 0.3132



3.6569, 0.2209, 0.3151

Previews

White Background



This preview shows how the Yxy color 66.0924, 0.3601, 0.3322 looks on a white background.

Color Contrast Check

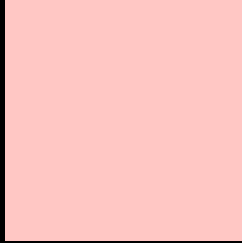
Large Text (above 18pt) WCAG AA × Fail

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 66.0924, 0.3601, 0.3322 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 66.0924, 0.3601, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 66.0924, 0.3601, 0.3322.

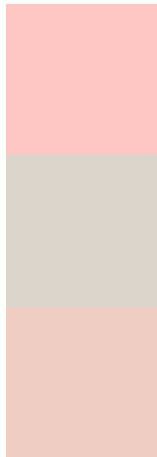


This preview shows how white text looks on a background with the Yxy color 66.0924, 0.3601, 0.3322.

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

66.0924, 0.3601, 0.3322

Protanopia

66.4588, 0.3242, 0.3391

Deuteranopia

66.1280, 0.3475, 0.3399



Tritanopia

65.9460, 0.3477, 0.3137

Trichromacy



Original Color

66.0924, 0.3601, 0.3322

Protanomaly

65.9516, 0.3371, 0.3367

Deuteranomaly

66.0645, 0.3519, 0.3376

Tritanomaly

66.1044, 0.3523, 0.3209

Monochromacy



Original Color

66.0924, 0.3601, 0.3322

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.9780, 0.3294, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0924, 0.3601, 0.3322 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, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 196)  
}
```

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, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 196) }
```

Border

The CSS property to change the border of an element to Yxy 66.0924, 0.3601, 0.3322 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, 199, 196) }
```

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

```
.border{ border-color:rgb(255, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0924, 0.3601, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 196) }
```

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

```
.background{ background-color: rgb(255,  
199, 196) }
```

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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