

Converting Colors

$Yxy(69.1910, 0.3484, 0.3237)$

Have a look what the booklet for
Yxy(69.1910, 0.3484, 0.3237)
contains.

Yxy(69.0989, 0.3481, 0.3230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.0989, 0.3481, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCD2
RGB	255, 204, 210
RGB Percent	100%, 80%, 82%
CMY	0.0000, 0.2000, 0.1766
CMYK	0.00, 0.20, 0.18, 0.00
HSL	353°, 100%, 90%
HSV	353°, 20%, 100%
XYZ	74.4685, 69.0989, 70.3611
YIQ	219.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 204, 210
Decimal	16764114
CIE Lab	86.55, 18.91, 3.91
CIE LCh	87, 19.304, 11.671
Yxy	69.0989, 0.3481, 0.3230
Android (android.graphics.Color)	4294954194 (0xFFFFCCD2)
YUV	219.9330, -4.8970, 30.7538
Hunter-Lab	83.1257, 14.4398, 8.0025

Details

The Yxy color **69.0989, 0.3481, 0.3230** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.1993, 0.2858, 0.3351**, and the grayscale version is **71.5374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2188, 0.3565, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **56.9074, 0.3725, 0.3198**, and if you desaturate by 10%, it is **83.4297, 0.3285, 0.3261**.

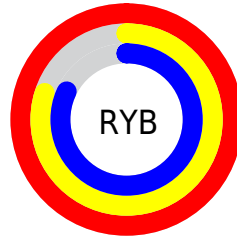
Distribution



Red (100%)

Green (80%)

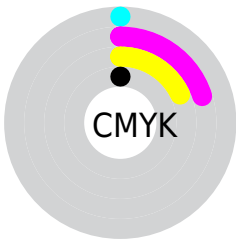
Blue (82%)



Red (100%)

Yellow (80%)

Blue (82%)

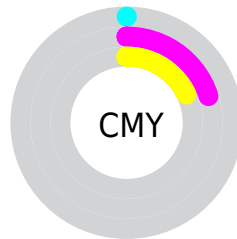


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0989, 0.3481, 0.3230 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 69.0989, 0.3481, 0.3230 by changing the saturation by 10% instead.


 69.0989, 0.3481,
0.3230

 69.0989, 0.3481,
0.3230


457.3797, 0.3315,
0.3260

 50.7923, 0.3520,
0.3223


117.9228, 0.3423,
0.3241

 36.0433, 0.3568,
0.3214


149.2089, 0.3400,
0.3245

 24.4676, 0.3629,
0.3202


185.5902, 0.3381,
0.3248

 15.6809, 0.3710,
0.3185

227.4512, 0.3364,
0.3251

 9.2986, 0.3822,
0.3162

275.1763, 0.3350,
0.3254

 4.9365, 0.3987,
0.3125

329.1498, 0.3337,

 2.2100, 0.4252,

0.3256

0.3062

389.7561, 0.3325,
0.3258

0.7255, 0.4893,
0.2982

0.0000, 1.0000,
0.0000

69.0989, 0.3481,
0.3230

69.0989, 0.3481,
0.3230

56.9074, 0.3725,
0.3198

83.4297, 0.3285,
0.3261

46.7567, 0.4025,
0.3167

100.0000, 0.3127,
0.3290

38.5337, 0.4385,
0.3141

32.1163, 0.4802,
0.3123

■ 27.3682, 0.5251,
0.3122

■ 24.1337, 0.5688,
0.3142

■ 22.2278, 0.6049,
0.3184

■ 21.3528, 0.6286,
0.3236

■ 21.3528, 0.6286,
0.3236

Harmonies

Analogous

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



69.0989, 0.3275, 0.3050



69.0989, 0.3481, 0.3230



69.0989, 0.3590, 0.3430

Triad

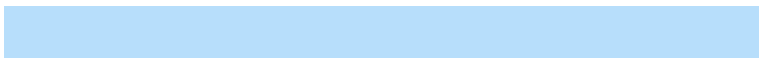
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0989, 0.3481, 0.3230



69.0989, 0.3206, 0.3685



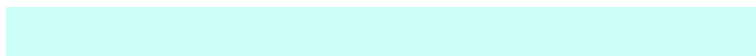
69.0989, 0.2701, 0.2963

Complementary

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



69.0989, 0.3481, 0.3230



91.1993, 0.2858, 0.3351

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.



69.0989, 0.2686, 0.3121



69.0989, 0.3481, 0.3230



69.0989, 0.2971, 0.3549

Square

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



69.0989, 0.3481, 0.3230



69.0989, 0.3426, 0.3702



69.0989, 0.2782, 0.3338



69.0989, 0.2826, 0.2896

Rectangle

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



69.0989, 0.3481, 0.3230



69.0989, 0.3591, 0.3553



69.0989, 0.2782, 0.3338



69.0989, 0.2683, 0.3006

Sweetspot

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



69.0974, 0.3481, 0.3230



89.7838, 0.3217, 0.3273



70.3991, 0.3101, 0.2784



18.9901, 0.3228, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

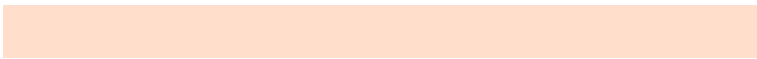
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0974, 0.3481, 0.3230



63.9696, 0.3572, 0.3217



78.2351, 0.3490, 0.3481



18.0216, 0.3276, 0.3262



11.1682, 0.6261, 0.3223



1.0980, 0.6025, 0.3093

Inverse Universe

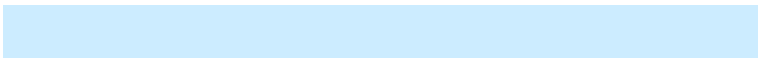
The Inverse Universe completely reimagines the original color for something new.



69.0974, 0.3481, 0.3230



63.9696, 0.3572, 0.3217



80.2214, 0.2814, 0.3091



18.0216, 0.3276, 0.3262



11.1682, 0.6261, 0.3223



1.0980, 0.6025, 0.3093

Previews

White Background



This preview shows how the Yxy color 69.0989, 0.3481, 0.3230 looks on a white background.

Color Contrast Check

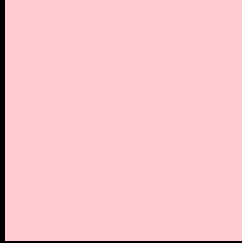
Large Text (above 18pt) WCAG AA × Fail

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 69.0989, 0.3481, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

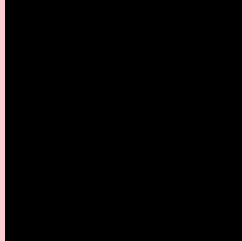
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0989, 0.3481, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 69.0989, 0.3481, 0.3230.



This preview shows how white text looks on a background with the Yxy color 69.0989, 0.3481, 0.3230.

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

69.0989, 0.3481, 0.3230

Protanopia

69.4936, 0.3157, 0.3279

Deuteranopia

69.3974, 0.3370, 0.3301



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

69.0989, 0.3481, 0.3230

Protanomaly

69.2656, 0.3270, 0.3269

Deuteranomaly

69.3080, 0.3411, 0.3280

Tritanomaly

68.8782, 0.3444, 0.3169

Monochromacy



Original Color

69.0989, 0.3481, 0.3230

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.3746, 0.3254, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0989, 0.3481, 0.3230 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, 204, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 210)  
}
```

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, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.0989, 0.3481, 0.3230 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, 204, 210) }
```

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

```
.border{ border-color:rgb(255, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0989, 0.3481, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 210) }
```

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

```
.background{ background-color: rgb(255,  
204, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor