

Converting Colors

$Yxy(69.9994, 0.3449, 0.3257)$

Have a look what the booklet for
Yxy(69.9994, 0.3449, 0.3257)
contains.

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Color

Yxy(69.9742, 0.3452, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	FCCFD2
RGB	252, 207, 210
RGB Percent	99%, 81%, 82%
CMY	0.0117, 0.1882, 0.1765
CMYK	0.00, 0.18, 0.17, 0.01
HSL	356°, 88%, 90%
HSV	356°, 18%, 99%
XYZ	74.0954, 69.9742, 70.5752
YIQ	220.7970, 25.8570, 10.4730

Conversions

Conversions Part 2

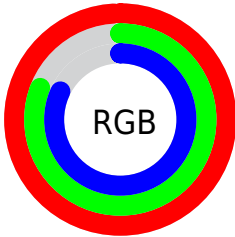
Format	Color
R _Y B	252, 207, 210
Decimal	16568274
CIE _{Lab}	86.98, 16.28, 4.47
CIE _{LCh}	87, 16.879, 15.369
Y _{xy}	69.9742, 0.3452, 0.3260
Android (android.graphics.Color)	4294758354 (0xFFFCFD2)
Y _{UV}	220.7970, -5.3229, 27.3650
Hunter-Lab	83.6506, 11.7219, 8.5330

Details

The Yxy color **69.9742, 0.3452, 0.3260** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.7378, 0.2873, 0.3321**, and the grayscale version is **72.1840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7849, 0.3527, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **57.6375, 0.3699, 0.3242**, and if you desaturate by 10%, it is **84.4384, 0.3254, 0.3277**.

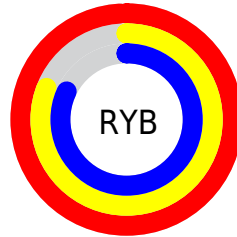
Distribution



Red (99%)

Green (81%)

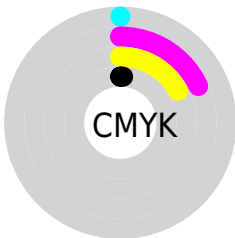
Blue (82%)



Red (99%)

Yellow (81%)

Blue (82%)

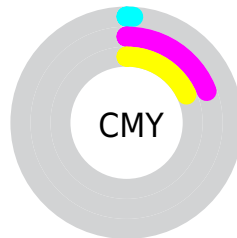


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (19%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9742, 0.3452, 0.3260 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 69.9742, 0.3452, 0.3260 by changing the saturation by 10% instead.


 69.9742, 0.3452,
0.3260

 69.9742, 0.3452,
0.3260

460.4594, 0.3300,
0.3276

 51.5055, 0.3487,
0.3256


119.1720, 0.3399,
0.3266

 36.6111, 0.3531,
0.3251


150.6698, 0.3378,
0.3268

 24.9065, 0.3587,
0.3244


187.2795, 0.3360,
0.3270

 16.0074, 0.3661,
0.3235

229.3854, 0.3345,
0.3271

 9.5294, 0.3763,
0.3221

277.3720, 0.3332,
0.3273

 5.0881, 0.3913,
0.3198


331.6236, 0.3320,


 2.2990, 0.4154,

0.3274

0.3157


392.5246, 0.3309,
0.3275


 0.7732, 0.4726,
0.3131


 0.0000, 1.0000,
0.0000


 69.9742, 0.3452,
0.3260


 69.9742, 0.3452,
0.3260

 57.6375, 0.3699,
0.3242

 84.4384, 0.3254,
0.3277

 47.3192, 0.4004,
0.3225

 99.4388, 0.3109,
0.3290

 38.9145, 0.4373,
0.3210

 32.3057, 0.4801,
0.3200

■ 27.3620, 0.5266,
0.3199

■ 23.9349, 0.5718,
0.3211

■ 21.8496, 0.6088,
0.3235

■ 20.8730, 0.6317,
0.3268

■ 20.7387, 0.6349,
0.3271

Harmonies

Analogous

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



69.9742, 0.3281, 0.3097



69.9742, 0.3452, 0.3260



69.9742, 0.3534, 0.3435

Triad

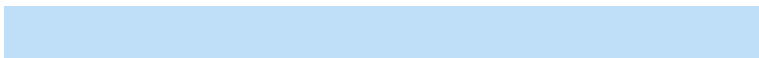
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9742, 0.3452, 0.3260



69.9742, 0.3171, 0.3623



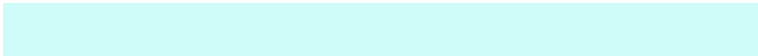
69.9742, 0.2764, 0.2993

Complementary

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



69.9742, 0.3452, 0.3260



89.7378, 0.2873, 0.3321

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.



69.9742, 0.2737, 0.3124



69.9742, 0.3452, 0.3260



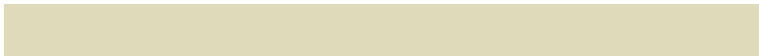
69.9742, 0.2968, 0.3495

Square

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



69.9742, 0.3452, 0.3260



69.9742, 0.3367, 0.3652



69.9742, 0.2811, 0.3308



69.9742, 0.2884, 0.2945

Rectangle

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



69.9742, 0.3452, 0.3260



69.9742, 0.3525, 0.3538



69.9742, 0.2811, 0.3308



69.9742, 0.2744, 0.3028

Sweetspot

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



69.9774, 0.3452, 0.3260



91.3903, 0.3205, 0.3282



71.6598, 0.3121, 0.2842



19.3122, 0.3217, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

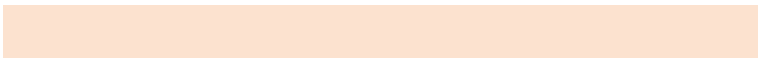
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9774, 0.3452, 0.3260



67.6523, 0.3524, 0.3254



79.4644, 0.3441, 0.3482



17.2440, 0.3284, 0.3275



10.8085, 0.6332, 0.3262



1.0074, 0.6171, 0.3173

Inverse Universe

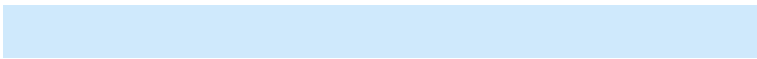
The Inverse Universe completely reimagines the original color for something new.



69.9774, 0.3452, 0.3260



67.6523, 0.3524, 0.3254



78.7199, 0.2847, 0.3090



17.2440, 0.3284, 0.3275



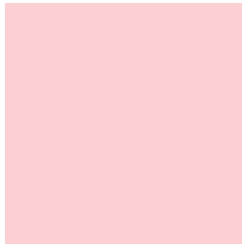
10.8085, 0.6332, 0.3262



1.0074, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 69.9742, 0.3452, 0.3260 looks on a white background.

Color Contrast Check

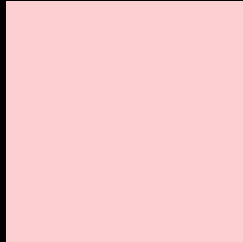
Large Text (above 18pt) WCAG AA × Fail

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 69.9742, 0.3452, 0.3260 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 69.9742, 0.3452, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 69.9742, 0.3452, 0.3260.



This preview shows how white text looks on a background with the Yxy color 69.9742, 0.3452, 0.3260.

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

69.9742, 0.3452, 0.3260

Protanopia

70.1132, 0.3170, 0.3301

Deuteranopia

70.0692, 0.3376, 0.3312



Tritanopia

69.7657, 0.3380, 0.3128

Trichromacy



Original Color

69.9742, 0.3452, 0.3260

Protanomaly

69.7672, 0.3269, 0.3280

Deuteranomaly

70.2895, 0.3408, 0.3301

Tritanomaly

70.0350, 0.3408, 0.3178

Monochromacy



Original Color

69.9742, 0.3452, 0.3260

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2773, 0.3237, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9742, 0.3452, 0.3260 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(252, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 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(252, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 210) }
```

Border

The CSS property to change the border of an element to Yxy 69.9742, 0.3452, 0.3260 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(252, 207, 210) }
```

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

```
.border{ border-color:rgb(252, 207, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 210);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9742, 0.3452, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 210) }
```

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

```
.background{ background-color: rgb(252,  
207, 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](#).

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