

Converting Colors

$Yxy(69.5653, 0.3460, 0.3327)$

Have a look what the booklet for
Yxy(69.5653, 0.3460, 0.3327)
contains.

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Color

Yxy(69.4760, 0.3457, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	F8D0CD
RGB	248, 208, 205
RGB Percent	97%, 82%, 80%
CMY	0.0273, 0.1844, 0.1960
CMYK	0.00, 0.16, 0.17, 0.03
HSL	4°, 76%, 89%
HSV	4°, 17%, 97%
XYZ	72.2994, 69.4760, 67.3637
YIQ	219.6180, 24.8030, 7.5470

Conversions

Conversions Part 2

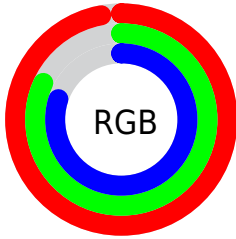
Format	Color
R _Y B	248, 208, 205
Decimal	16306381
CIE Lab	86.74, 13.58, 6.72
CIE LCh	87, 15.153, 26.315
Yxy	69.4760, 0.3457, 0.3322
Android (android.graphics.Color)	4294496461 (0xFFFF8D0CD)
YUV	219.6180, -7.2067, 24.8910
Hunter-Lab	83.3523, 8.9636, 10.4295

Details

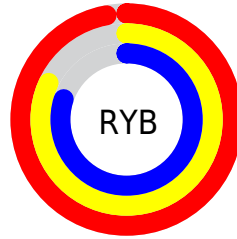
The Yxy color **69.4760, 0.3457, 0.3322** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1071, 0.2863, 0.3258**, and the grayscale version is **71.3332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4219, 0.3533, 0.3332** is the 20% darker color. If you saturate the color by 10%, you get **57.9244, 0.3711, 0.3342**, and if you desaturate by 10%, it is **82.8626, 0.3252, 0.3303**.

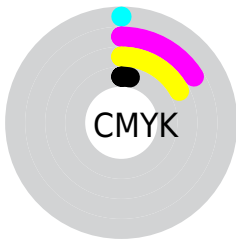
Distribution



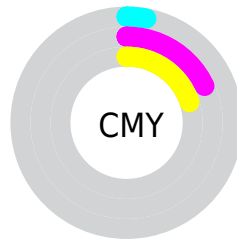
- Red (97%)
- Green (82%)
- Blue (80%)



- Red (97%)
- Yellow (82%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (3%)




- Cyan (3%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4760, 0.3457, 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 69.4760, 0.3457, 0.3322 by changing the saturation by 10% instead.


 69.4760, 0.3457,
0.3322

 69.4760, 0.3457,
0.3322

458.7080, 0.3302,
0.3309

 51.0995, 0.3493,
0.3324


118.4612, 0.3403,
0.3318

 36.2878, 0.3538,
0.3327


149.8386, 0.3382,
0.3316

 24.6565, 0.3595,
0.3331


186.3185, 0.3364,
0.3315

 15.8213, 0.3671,
0.3334

228.2852, 0.3348,
0.3313

 9.3978, 0.3776,
0.3338

276.1231, 0.3334,
0.3312

 5.0016, 0.3930,
0.3340

330.2166, 0.3322,

 2.2482, 0.4179,

0.3311

0.3337

390.9501, 0.3312,
0.3310

0.7461, 0.4925,
0.3477

0.0000, 0.0000,
0.0000

69.4760, 0.3457,
0.3322

69.4760, 0.3457,
0.3322

57.9244, 0.3711,
0.3342

82.8626, 0.3252,
0.3303

48.1189, 0.4022,
0.3362

98.1492, 0.3087,
0.3286

39.9774, 0.4396,
0.3380

98.7047, 0.3084,
0.3290

33.4075, 0.4827,
0.3393

■ 28.3076, 0.5291,
0.3398

■ 24.5646, 0.5740,
0.3389

■ 22.0484, 0.6103,
0.3367

■ 20.6030, 0.6324,
0.3335

■ 20.3705, 0.6363,
0.3330

Harmonies

Analogous

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



69.4760, 0.3329, 0.3166



69.4760, 0.3457, 0.3322



69.4760, 0.3494, 0.3475

Triad

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



69.4760, 0.3457, 0.3322



69.4760, 0.3099, 0.3555



69.4760, 0.2830, 0.2997

Complementary

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



69.4760, 0.3457, 0.3322



85.1071, 0.2863, 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.



69.4760, 0.2773, 0.3091



69.4760, 0.3457, 0.3322



69.4760, 0.2925, 0.3416

Square

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



69.4760, 0.3457, 0.3322



69.4760, 0.3284, 0.3617



69.4760, 0.2808, 0.3243



69.4760, 0.2965, 0.2982

Rectangle

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



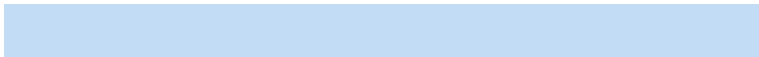
69.4760, 0.3457, 0.3322



69.4760, 0.3462, 0.3555



69.4760, 0.2808, 0.3243



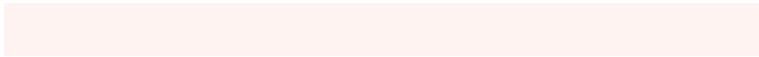
69.4760, 0.2801, 0.3020

Sweetspot

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



69.4791, 0.3457, 0.3322



91.8660, 0.3210, 0.3299



70.2363, 0.3167, 0.2886



19.4273, 0.3222, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

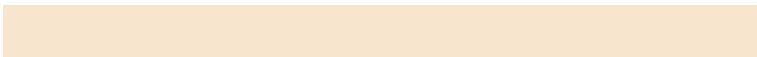
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4791, 0.3457, 0.3322



69.2347, 0.3544, 0.3329



80.6318, 0.3420, 0.3541



17.4179, 0.3292, 0.3307



11.0697, 0.6351, 0.3339



1.0904, 0.6237, 0.3430

Inverse Universe

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



85.1071, 0.2863, 0.3258



88.8793, 0.2810, 0.3250



72.8894, 0.2852, 0.3026



19.3909, 0.2980, 0.3273



34.5736, 0.2187, 0.3072



3.2620, 0.2195, 0.3100

Previews

White Background



This preview shows how the Yxy color 69.4760, 0.3457, 0.3322 looks on a white background.

Color Contrast Check

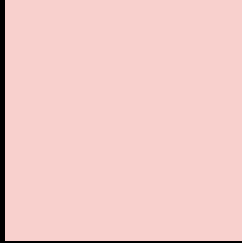
Large Text (above 18pt) WCAG AA × Fail

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 69.4760, 0.3457, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

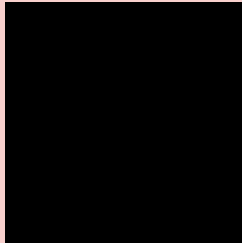
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4760, 0.3457, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 69.4760, 0.3457, 0.3322.

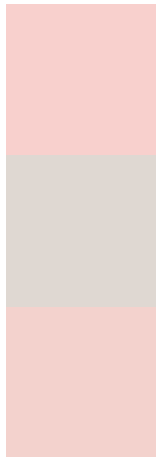


This preview shows how white text looks on a background with the Yxy color 69.4760, 0.3457, 0.3322.

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

69.4760, 0.3457, 0.3322

Protanopia

69.4529, 0.3219, 0.3356

Deuteranopia

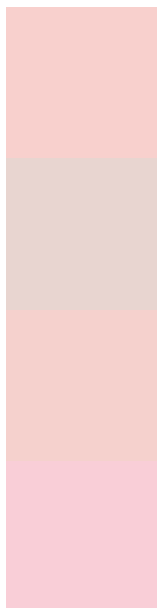
69.5557, 0.3414, 0.3344



Tritanopia

69.2071, 0.3357, 0.3126

Trichromacy



Original Color

69.4760, 0.3457, 0.3322

Protanomaly

69.2984, 0.3304, 0.3345

Deuteranomaly

69.4212, 0.3432, 0.3333

Tritanomaly

69.1886, 0.3393, 0.3198

Monochromacy



Original Color

69.4760, 0.3457, 0.3322

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.8410, 0.3236, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4760, 0.3457, 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(248, 208, 205)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 205)  
}
```

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(248, 208, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 205) }
```

Border

The CSS property to change the border of an element to Yxy 69.4760, 0.3457, 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(248, 208, 205) }
```

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

```
.border{ border-color:rgb(248, 208, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 205);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4760, 0.3457, 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(248, 208, 205) }
```

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

```
.background{ background-color: rgb(248,  
208, 205) }
```

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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