

Converting Colors

$Y_{xy}(66.7076, 0.3572, 0.3440)$

Have a look what the booklet for
Yxy(66.7076, 0.3572, 0.3440)
contains.

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Color

Yxy(66.6776, 0.3572, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	F7CCBE
RGB	247, 204, 190
RGB Percent	97%, 80%, 75%
CMY	0.0315, 0.1999, 0.2550
CMYK	0.00, 0.17, 0.23, 0.03
HSL	15°, 78%, 86%
HSV	15°, 23%, 97%
XYZ	69.2362, 66.6776, 57.9165
YIQ	215.2610, 30.1220, 4.7620

Conversions

Conversions Part 2

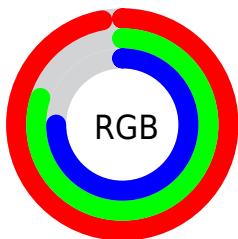
Format	Color
R _Y B	247, 209, 190
Decimal	16239806
CIE Lab	85.34, 13.07, 12.68
CIE LCh	85, 18.209, 44.125
Yxy	66.6776, 0.3572, 0.3440
Android (android.graphics.Color)	4294429886 (0xFFF7CCBE)
YUV	215.2610, -12.4537, 27.8351
Hunter-Lab	81.6564, 8.4510, 15.1068

Details

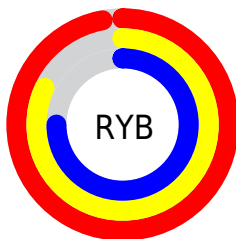
The Yxy color **66.6776, 0.3572, 0.3440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8942, 0.2773, 0.3135**, and the grayscale version is **68.2112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **34.5660, 0.3679, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **57.3650, 0.3830, 0.3509**, and if you desaturate by 10%, it is **77.2365, 0.3356, 0.3372**.

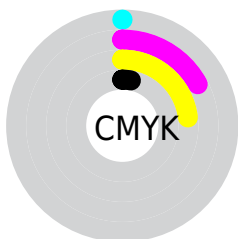
Distribution



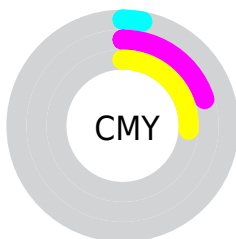
- Red (97%)
- Green (80%)
- Blue (75%)



- Red (97%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (3%)




- Cyan (3%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6776, 0.3572, 0.3440 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 66.6776, 0.3572, 0.3440 by changing the saturation by 10% instead.


 66.6776, 0.3572,
0.3440

 66.6776, 0.3572,
0.3440


448.7963, 0.3361,
0.3373

 48.8227, 0.3621,
0.3454


 114.4583, 0.3498,
0.3417

 34.4788, 0.3683,
0.3472


145.1529, 0.3469,
0.3408

 23.2617, 0.3762,
0.3493


180.8962, 0.3445,
0.3401

 14.7869, 0.3867,
0.3520

222.0725, 0.3424,
0.3394

 8.6699, 0.4012,
0.3554

269.0663, 0.3405,
0.3388

 4.5265, 0.4227,
0.3597

322.2619, 0.3389,

 1.9722, 0.4573,

0.3382

0.3647

382.0438, 0.3374,
0.3378

0.5913, 0.5986,
0.4014

0.0000, 0.0000,
0.0000

66.6776, 0.3572,
0.3440

66.6776, 0.3572,
0.3440

57.3650, 0.3830,
0.3509

77.2365, 0.3356,
0.3372

49.2432, 0.4133,
0.3576

89.0764, 0.3176,
0.3309

42.2660, 0.4482,
0.3635

98.5103, 0.3078,
0.3290

36.3806, 0.4867,
0.3676

■ 31.5299, 0.5266,
0.3688

■ 27.6511, 0.5643,
0.3661

■ 24.6739, 0.5951,
0.3592

■ 23.0936, 0.6113,
0.3528

Harmonies

Analogous

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



66.6776, 0.3477, 0.3249



66.6776, 0.3572, 0.3440



66.6776, 0.3542, 0.3602

Triad

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



66.6776, 0.3572, 0.3440



66.6776, 0.2961, 0.3522



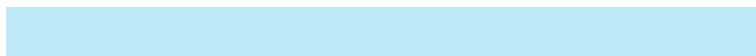
66.6776, 0.2854, 0.2913

Complementary

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



66.6776, 0.3572, 0.3440



75.8942, 0.2773, 0.3135

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.



66.6776, 0.2726, 0.2969



66.6776, 0.3572, 0.3440



66.6776, 0.2786, 0.3318

Square

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



66.6776, 0.3572, 0.3440



66.6776, 0.3184, 0.3660



66.6776, 0.2702, 0.3114



66.6776, 0.3057, 0.2952

Rectangle

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



66.6776, 0.3572, 0.3440



66.6776, 0.3456, 0.3669



66.6776, 0.2702, 0.3114



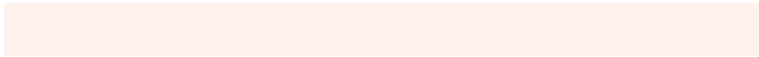
66.6776, 0.2801, 0.2921

Sweetspot

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



66.6806, 0.3572, 0.3440



90.6194, 0.3243, 0.3333



62.5049, 0.3253, 0.2842



19.2301, 0.3254, 0.3337



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

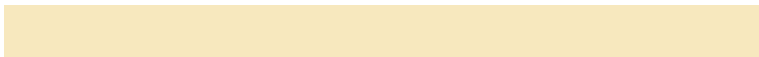
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.6806, 0.3572, 0.3440



66.5689, 0.3694, 0.3474



81.0735, 0.3509, 0.3722



17.1458, 0.3287, 0.3349



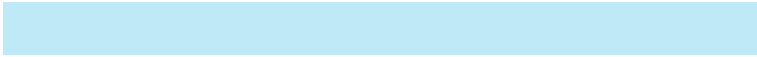
12.4023, 0.6085, 0.3550



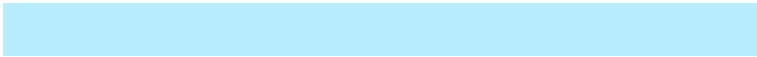
1.2456, 0.5845, 0.3741

Inverse Universe

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



75.8942, 0.2773, 0.3135



78.1633, 0.2699, 0.3097



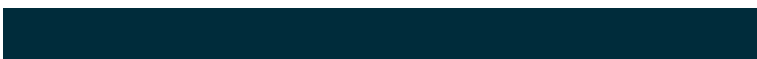
61.4012, 0.2748, 0.2817



18.0255, 0.2980, 0.3230



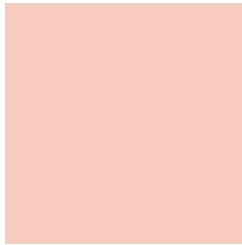
22.3877, 0.2020, 0.2472



2.1281, 0.2052, 0.2586

Previews

White Background



This preview shows how the Yxy color 66.6776, 0.3572, 0.3440 looks on a white background.

Color Contrast Check

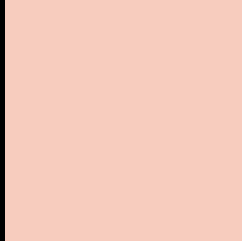
Large Text (above 18pt) WCAG AA × Fail

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 66.6776, 0.3572, 0.3440 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 66.6776, 0.3572, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 66.6776, 0.3572, 0.3440.



This preview shows how white text looks on a background with the Yxy color 66.6776, 0.3572, 0.3440.

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

66.6776, 0.3572, 0.3440

Protanopia

67.0582, 0.3321, 0.3492

Deuteranopia

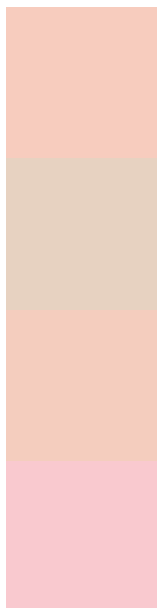
66.9150, 0.3535, 0.3462



Tritanopia

66.5904, 0.3401, 0.3125

Trichromacy



Original Color

66.6776, 0.3572, 0.3440

Protanomaly

66.9324, 0.3410, 0.3478

Deuteranomaly

66.6134, 0.3546, 0.3451

Tritanomaly

66.4180, 0.3462, 0.3228

Monochromacy



Original Color

66.6776, 0.3572, 0.3440

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.3757, 0.3283, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6776, 0.3572, 0.3440 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(247, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 204, 190)  
}
```

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(247, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 204, 190) }
```

Border

The CSS property to change the border of an element to Yxy 66.6776, 0.3572, 0.3440 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(247, 204, 190) }
```

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

```
.border{ border-color:rgb(247, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 204,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6776, 0.3572, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 204, 190) }
```

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

```
.background{ background-color: rgb(247,  
204, 190) }
```

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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