

Converting Colors

Yxy(57.4443, 0.3736, 0.3490)

Have a look what the booklet for
Yxy(57.4443, 0.3736, 0.3490)
contains.

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Color

Yxy(57.5695, 0.3729, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	F1BCAA
RGB	241, 188, 170
RGB Percent	95%, 74%, 67%
CMY	0.0547, 0.2628, 0.3333
CMYK	0.00, 0.22, 0.29, 0.05
HSL	15°, 72%, 81%
HSV	15°, 29%, 95%
XYZ	61.5296, 57.5695, 45.9038
YIQ	201.7950, 37.3660, 5.6380

Conversions

Conversions Part 2

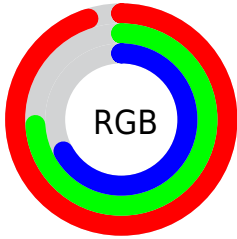
Format	Color
R _Y B	241, 194, 170
Decimal	15842474
CIE Lab	80.50, 16.59, 16.41
CIE LCh	80, 23.335, 44.692
Yxy	57.5695, 0.3729, 0.3489
Android (android.graphics.Color)	4294032554 (0xFFF1BCAA)
YUV	201.7950, -15.6749, 34.3828
Hunter-Lab	75.8746, 11.9719, 17.2420

Details

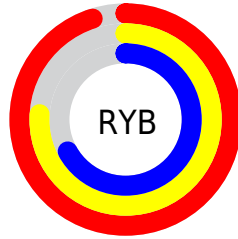
The Yxy color **57.5695, 0.3729, 0.3489** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.7225, 0.2678, 0.3081**, and the grayscale version is **59.0144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3976, 0.3317, 0.3477**, and **28.8263, 0.3887, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **49.5228, 0.4014, 0.3559**, and if you desaturate by 10%, it is **66.7489, 0.3488, 0.3418**.

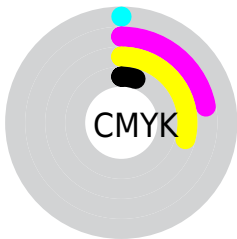
Distribution



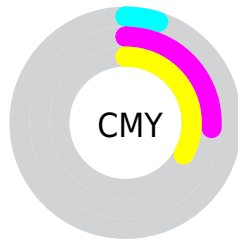
- Red (95%)
- Green (74%)
- Blue (67%)



- Red (95%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (29%)
- Black (5%)





- Cyan (5%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5695, 0.3729, 0.3489 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 57.5695, 0.3729, 0.3489 by changing the saturation by 10% instead.


 57.5695, 0.3729,
0.3489

 57.5695, 0.3729,
0.3489


415.5799, 0.3436,
0.3400

 41.4626, 0.3800,
0.3508


 101.2957, 0.3624,
0.3459

 28.6808, 0.3888,
0.3531


129.6838, 0.3585,
0.3447

 18.8395, 0.4004,
0.3558


162.9345, 0.3551,
0.3437

 11.5543, 0.4160,
0.3592

201.4321, 0.3521,
0.3428

 6.4410, 0.4381,
0.3631

245.5611, 0.3496,
0.3420

 3.1150, 0.4714,
0.3671

295.7057, 0.3474,

 1.1921, 0.5650,

0.3412

0.3958

352.2505, 0.3454,
0.3406

0.0552, 0.8923,
0.1077

0.0000, 0.0000,
0.0000

57.5695, 0.3729,
0.3489

57.5695, 0.3729,
0.3489

49.5228, 0.4014,
0.3559

66.7489, 0.3488,
0.3418

42.5563, 0.4344,
0.3623

77.0946, 0.3287,
0.3350

36.6254, 0.4715,
0.3674

88.6492, 0.3119,
0.3287

31.6788, 0.5109,
0.3699

97.4508, 0.3042,
0.3290

■ 27.6611, 0.5496,
0.3688

■ 24.5102, 0.5832,
0.3634

■ 22.1507, 0.6085,
0.3545

■ 22.0457, 0.6097,
0.3541

Harmonies

Analogous

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



57.5695, 0.3604, 0.3236



57.5695, 0.3729, 0.3489



57.5695, 0.3683, 0.3707

Triad

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



57.5695, 0.3729, 0.3489



57.5695, 0.2897, 0.3601



57.5695, 0.2765, 0.2788

Complementary

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



57.5695, 0.3729, 0.3489



67.7225, 0.2678, 0.3081

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.



57.5695, 0.2595, 0.2855



57.5695, 0.3729, 0.3489



57.5695, 0.2668, 0.3319

Square

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



57.5695, 0.3729, 0.3489



57.5695, 0.3194, 0.3792



57.5695, 0.2561, 0.3044



57.5695, 0.3036, 0.2845

Rectangle

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



57.5695, 0.3729, 0.3489



57.5695, 0.3564, 0.3802



57.5695, 0.2561, 0.3044



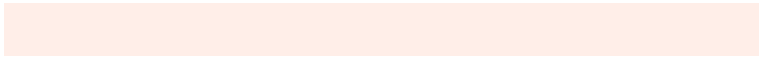
57.5695, 0.2695, 0.2797

Sweetspot

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



57.5722, 0.3729, 0.3489



88.1539, 0.3279, 0.3347



52.8078, 0.3306, 0.2727



18.4814, 0.3306, 0.3357



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.



57.5722, 0.3729, 0.3489



60.1099, 0.3884, 0.3529



74.5467, 0.3622, 0.3857



16.4085, 0.3287, 0.3350



12.1297, 0.6070, 0.3563



1.1629, 0.5815, 0.3765

Inverse Universe

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



67.7225, 0.2678, 0.3081



73.2522, 0.2597, 0.3035



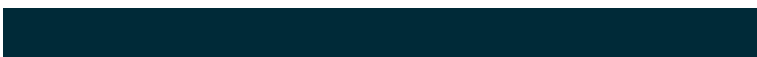
50.7707, 0.2631, 0.2650



17.2124, 0.2981, 0.3229



21.3801, 0.2014, 0.2449



1.9360, 0.2048, 0.2573

Previews

White Background



This preview shows how the Yxy color 57.5695, 0.3729, 0.3489 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 57.5695, 0.3729, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

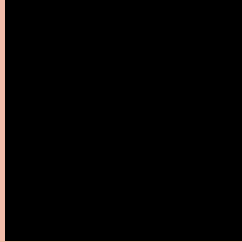
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5695, 0.3729, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 57.5695, 0.3729, 0.3489.



This preview shows how white text looks on a background with the Yxy color 57.5695, 0.3729, 0.3489.

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

57.5695, 0.3729, 0.3489

Protanopia

57.5367, 0.3380, 0.3565

Deuteranopia

57.3868, 0.3630, 0.3552



Tritanopia

57.5913, 0.3525, 0.3141

Trichromacy



Original Color

57.5695, 0.3729, 0.3489

Protanomaly

57.4584, 0.3505, 0.3534

Deuteranomaly

57.6186, 0.3667, 0.3538

Tritanomaly

57.3835, 0.3600, 0.3259

Monochromacy



Original Color

57.5695, 0.3729, 0.3489

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2491, 0.3333, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5695, 0.3729, 0.3489 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(241, 188, 170)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 170)  
}
```

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(241, 188, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 170) }
```

Border

The CSS property to change the border of an element to Yxy 57.5695, 0.3729, 0.3489 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(241, 188, 170) }
```

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

```
.border{ border-color:rgb(241, 188, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 188, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 170);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5695, 0.3729, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 188, 170) }
```

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

```
.background{ background-color: rgb(241,  
188, 170) }
```

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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