

Converting Colors

$Yxy(57.7588, 0.3723, 0.3487)$

Have a look what the booklet for
Yxy(57.7588, 0.3723, 0.3487)
contains.

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Color

Yxy(57.6075, 0.3720, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	F1BCAB
RGB	241, 188, 171
RGB Percent	95%, 74%, 67%
CMY	0.0548, 0.2628, 0.3293
CMYK	0.00, 0.22, 0.29, 0.05
HSL	15°, 71%, 81%
HSV	15°, 29%, 95%
XYZ	61.6158, 57.6075, 46.4106
YIQ	201.9090, 37.0450, 5.9490

Conversions

Conversions Part 2

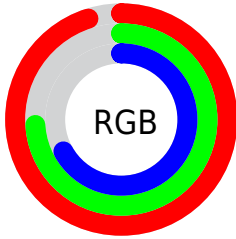
Format	Color
RYB	241, 193, 171
Decimal	15842475
CIELab	80.52, 16.70, 15.90
CIELCh	81, 23.057, 43.592
Yxy	57.6075, 0.3720, 0.3478
Android (android.graphics.Color)	4294032555 (0xFFF1BCAB)
YUV	201.9090, -15.2381, 34.2828
Hunter-Lab	75.8996, 12.0833, 16.8754

Details

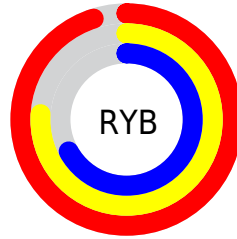
The Yxy color **57.6075, 0.3720, 0.3478** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3480, 0.2685, 0.3093**, and the grayscale version is **59.0856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4524, 0.3310, 0.3467**, and **28.8502, 0.3875, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **49.4600, 0.4005, 0.3545**, and if you desaturate by 10%, it is **66.9148, 0.3480, 0.3410**.

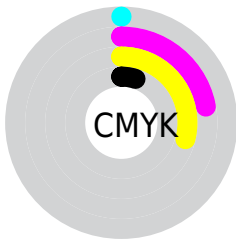
Distribution



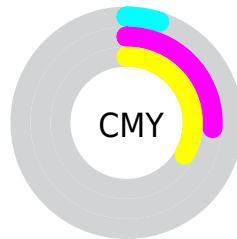
- Red (95%)
- Green (74%)
- Blue (67%)



- 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 57.6075, 0.3720, 0.3478 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 57.6075, 0.3720, 0.3478 by changing the saturation by 10% instead.


 57.6075, 0.3720,
0.3478

 57.6075, 0.3720,
0.3478

415.7218, 0.3431,
0.3394

 41.4932, 0.3789,
0.3496


 101.3511, 0.3617,
0.3450

 28.7046, 0.3877,
0.3517


129.7491, 0.3578,
0.3439

 18.8575, 0.3991,
0.3543


163.0105, 0.3544,
0.3429

 11.5674, 0.4145,
0.3574

201.5197, 0.3516,
0.3420

 6.4498, 0.4363,
0.3611

245.6610, 0.3490,
0.3413

 3.1205, 0.4692,
0.3648

295.8189, 0.3468,

 1.1950, 0.5585,

0.3406

0.3903

352.3777, 0.3449,
0.3400

0.0576, 0.8893,
0.1107

0.0000, 0.0000,
0.0000

57.6075, 0.3720,
0.3478

57.6075, 0.3720,
0.3478

49.4600, 0.4005,
0.3545

66.9148, 0.3480,
0.3410

42.4183, 0.4336,
0.3607

77.4169, 0.3279,
0.3345

36.4362, 0.4710,
0.3656

89.1576, 0.3112,
0.3284

31.4609, 0.5108,
0.3680

97.4441, 0.3042,
0.3290

■ 27.4347, 0.5500,
0.3670

■ 24.2939, 0.5842,
0.3618

■ 21.9614, 0.6098,
0.3531

■ 21.7753, 0.6119,
0.3523

Harmonies

Analogous

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



57.6075, 0.3591, 0.3227



57.6075, 0.3720, 0.3478



57.6075, 0.3681, 0.3696

Triad

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



57.6075, 0.3720, 0.3478



57.6075, 0.2910, 0.3607



57.6075, 0.2761, 0.2794

Complementary

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



57.6075, 0.3720, 0.3478



68.3480, 0.2685, 0.3093

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.



57.6075, 0.2598, 0.2866



57.6075, 0.3720, 0.3478



57.6075, 0.2680, 0.3329

Square

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



57.6075, 0.3720, 0.3478



57.6075, 0.3205, 0.3790



57.6075, 0.2569, 0.3056



57.6075, 0.3027, 0.2846

Rectangle

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



57.6075, 0.3720, 0.3478



57.6075, 0.3567, 0.3792



57.6075, 0.2569, 0.3056



57.6075, 0.2693, 0.2804

Sweetspot

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



57.6102, 0.3720, 0.3478



88.0143, 0.3279, 0.3345



53.2577, 0.3293, 0.2723



18.4472, 0.3306, 0.3354



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.



57.6102, 0.3720, 0.3478



59.7115, 0.3887, 0.3519



74.0756, 0.3618, 0.3836



16.3812, 0.3287, 0.3348



11.9815, 0.6092, 0.3545



1.1472, 0.5839, 0.3746

Inverse Universe

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



68.3480, 0.2685, 0.3093



73.7803, 0.2599, 0.3045



51.7046, 0.2640, 0.2675



17.2416, 0.2981, 0.3231



21.9317, 0.2024, 0.2486



1.9778, 0.2057, 0.2605

Previews

White Background



This preview shows how the Yxy color 57.6075, 0.3720, 0.3478 looks on a white background.

Color Contrast Check

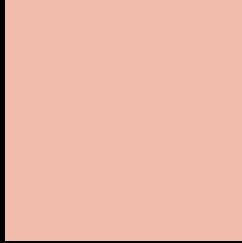
Large Text (above 18pt) WCAG AA × Fail

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 57.6075, 0.3720, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

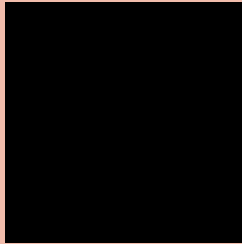
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6075, 0.3720, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 57.6075, 0.3720, 0.3478.



This preview shows how white text looks on a background with the Yxy color 57.6075, 0.3720, 0.3478.

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

57.6075, 0.3720, 0.3478

Protanopia

57.5765, 0.3372, 0.3553

Deuteranopia

57.8652, 0.3619, 0.3552



Tritanopia

57.5913, 0.3525, 0.3141

Trichromacy



Original Color

57.6075, 0.3720, 0.3478

Protanomaly

57.4975, 0.3497, 0.3523

Deuteranomaly

57.6563, 0.3659, 0.3527

Tritanomaly

57.3835, 0.3600, 0.3259

Monochromacy



Original Color

57.6075, 0.3720, 0.3478

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.2930, 0.3325, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6075, 0.3720, 0.3478 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(241, 188, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 188, 171) }
```

Border

The CSS property to change the border of an element to Yxy 57.6075, 0.3720, 0.3478 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, 171) }
```

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

```
.border{ border-color:rgb(241, 188, 171) }
```

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, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 188, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 188, 171);  
box-shadow:4px 4px 4px 4px rgb(241, 188,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6075, 0.3720, 0.3478 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, 171) }
```

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

```
.background{ background-color: rgb(241,  
188, 171) }
```

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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