

Converting Colors

$Yxy(59.6325, 0.3691, 0.3488)$

Have a look what the booklet for
Yxy(59.6325, 0.3691, 0.3488)
contains.

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Color

Yxy(59.6325, 0.3691, 0.3488)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F2C0AE |
| RGB | 242, 192, 174 |
| RGB Percent | 95%, 75%, 68% |
| CMY | 0.0510, 0.2470, 0.3176 |
| CMYK | 0.00, 0.21, 0.28, 0.05 |
| HSL | 16°, 72%, 82% |
| HSV | 16°, 28%, 95% |
| XYZ | 63.1031, 59.6325, 48.2292 |
| YIQ | 204.8980, 35.5780, 5.0020 |

Conversions

Conversions Part 2

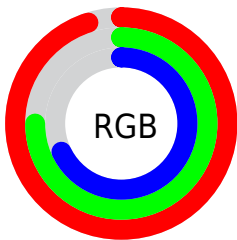
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 198, 174 |
| Decimal | 15909038 |
| CIE Lab | 81.64, 15.33, 15.88 |
| CIE LCh | 82, 22.079, 46.009 |
| Yxy | 59.6325, 0.3691, 0.3488 |
| Android (android.graphics.Color) | 4294099118 (0xFFFF2C0AE) |
| YUV | 204.8980, -15.2327, 32.5385 |
| Hunter-Lab | 77.2221, 10.7251, 17.0258 |

Details

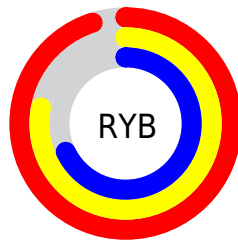
The Yxy color **59.6325, 0.3691, 0.3488** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7048, 0.2697, 0.3082**, and the grayscale version is **61.0648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1080, 0.3281, 0.3466**, and **29.8964, 0.3838, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **51.4294, 0.3967, 0.3562**, and if you desaturate by 10%, it is **68.9552, 0.3457, 0.3414**.

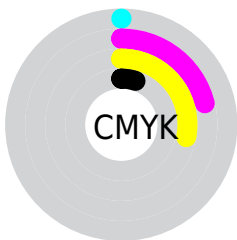
Distribution



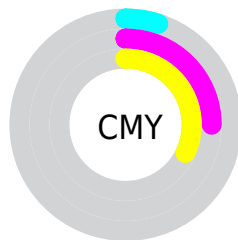
- Red (95%)
- Green (75%)
- Blue (68%)



- Red (95%)
- Yellow (78%)
- Blue (68%)



- Cyan (0%)
- Magenta (21%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6325, 0.3691, 0.3488 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 59.6325, 0.3691, 0.3488 by changing the saturation by 10% instead.


 59.6325, 0.3691,
0.3488

 59.6325, 0.3691,
0.3488


423.2419, 0.3418,
0.3399

 43.1225, 0.3756,
0.3507


 104.2964, 0.3594,
0.3458

 29.9812, 0.3838,
0.3530


133.2190, 0.3557,
0.3446

 19.8243, 0.3944,
0.3558


167.0480, 0.3525,
0.3436

 12.2674, 0.4087,
0.3593

206.1677, 0.3498,
0.3427

 6.9261, 0.4288,
0.3635

250.9626, 0.3474,
0.3419

 3.4159, 0.4590,
0.3683

301.8170, 0.3453,

 1.3525, 0.5292,

0.3411

0.3872

359.1153, 0.3435,
0.3405

0.1813, 0.7509,
0.2491

0.0000, 0.0000,
0.0000

59.6325, 0.3691,
0.3488

59.6325, 0.3691,
0.3488

51.4294, 0.3967,
0.3562

68.9552, 0.3457,
0.3414

44.2949, 0.4288,
0.3630

79.4295, 0.3262,
0.3344

38.1863, 0.4649,
0.3686

91.0963, 0.3098,
0.3278

33.0548, 0.5036,
0.3718

97.6141, 0.3047,
0.3290

■ 28.8472, 0.5421,
0.3714

■ 25.5048, 0.5765,
0.3666

■ 22.9587, 0.6028,
0.3578

■ 22.5535, 0.6071,
0.3561

Harmonies

Analogous

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



59.6325, 0.3581, 0.3250



59.6325, 0.3691, 0.3488



59.6325, 0.3641, 0.3689

Triad

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



59.6325, 0.3691, 0.3488



59.6325, 0.2901, 0.3570



59.6325, 0.2798, 0.2819

Complementary

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



59.6325, 0.3691, 0.3488



68.7048, 0.2697, 0.3082

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.



59.6325, 0.2633, 0.2878



59.6325, 0.3691, 0.3488



59.6325, 0.2690, 0.3306

Square

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



59.6325, 0.3691, 0.3488



59.6325, 0.3178, 0.3753



59.6325, 0.2594, 0.3051



59.6325, 0.3055, 0.2876

Rectangle

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



59.6325, 0.3691, 0.3488



59.6325, 0.3527, 0.3772



59.6325, 0.2594, 0.3051



59.6325, 0.2730, 0.2826

Sweetspot

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



59.6353, 0.3691, 0.3488



89.5581, 0.3260, 0.3343



54.5827, 0.3296, 0.2753



18.7696, 0.3288, 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.



59.6353, 0.3691, 0.3488



61.4780, 0.3851, 0.3533



75.7739, 0.3597, 0.3830



16.4399, 0.3287, 0.3353



12.3079, 0.6043, 0.3584



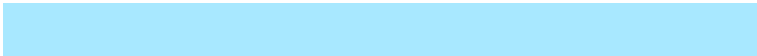
1.1814, 0.5787, 0.3787

Inverse Universe

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



68.7048, 0.2697, 0.3082



73.3076, 0.2610, 0.3031



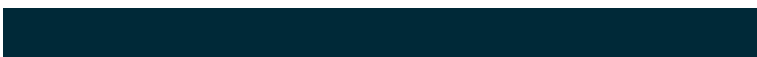
52.6691, 0.2656, 0.2685



17.1790, 0.2981, 0.3226



20.7598, 0.2002, 0.2407



1.8888, 0.2038, 0.2537

Previews

White Background



This preview shows how the Yxy color 59.6325, 0.3691, 0.3488 looks on a white background.

Color Contrast Check

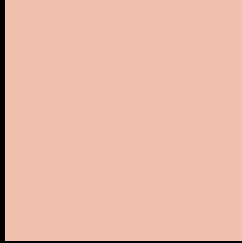
Large Text (above 18pt) WCAG AA × Fail

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 59.6325, 0.3691, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

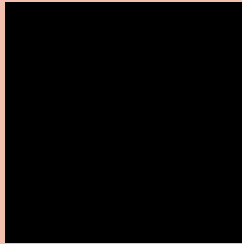
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6325, 0.3691, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 59.6325, 0.3691, 0.3488.



This preview shows how white text looks on a background with the Yxy color 59.6325, 0.3691, 0.3488.

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

59.6325, 0.3691, 0.3488

Protanopia

59.9636, 0.3375, 0.3573

Deuteranopia

59.8206, 0.3612, 0.3548



Tritanopia

59.6432, 0.3492, 0.3142

Trichromacy



Original Color

59.6325, 0.3691, 0.3488

Protanomaly

59.7091, 0.3489, 0.3543

Deuteranomaly

59.8802, 0.3640, 0.3535

Tritanomaly

59.4341, 0.3565, 0.3259

Monochromacy



Original Color

59.6325, 0.3691, 0.3488

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.1090, 0.3314, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6325, 0.3691, 0.3488 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(242, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(242, 192, 174)  
}
```

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(242, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 192, 174) }
```

Border

The CSS property to change the border of an element to Yxy 59.6325, 0.3691, 0.3488 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(242, 192, 174) }
```

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

```
.border{ border-color:rgb(242, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(242, 192,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6325, 0.3691, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 192, 174) }
```

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

```
.background{ background-color: rgb(242,  
192, 174) }
```

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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