

Converting Colors

$Yxy(58.9095, 0.3743, 0.3320)$

Have a look what the booklet for
Yxy(58.9095, 0.3743, 0.3320)
contains.

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Color

Yxy(59.1462, 0.3746, 0.3323)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEB9B6 |
| RGB | 254, 185, 182 |
| RGB Percent | 100%, 73%, 71% |
| CMY | 0.0038, 0.2745, 0.2862 |
| CMYK | 0.00, 0.27, 0.28, 0.00 |
| HSL | 2°, 97%, 86% |
| HSV | 2°, 28%, 100% |
| XYZ | 66.6752, 59.1462, 52.1690 |
| YIQ | 205.2890, 42.0870, 13.6950 |

Conversions

Conversions Part 2

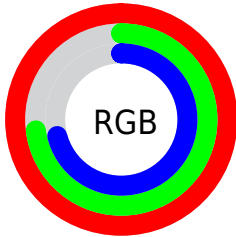
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 254, 185, 182 |
| Decimal | 16693686 |
| CIELab | 81.37, 24.56, 11.38 |
| CIELCh | 81, 27.071, 24.864 |
| Yxy | 59.1462, 0.3746, 0.3323 |
| Android (android.graphics.Color) | 4294883766 (0xFFFE9B6) |
| YUV | 205.2890, -11.4815, 42.7195 |
| Hunter-Lab | 76.9066, 20.1665, 13.6157 |

Details

The Yxy color **59.1462, 0.3746, 0.3323** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.1371, 0.2711, 0.3257**, and the grayscale version is **61.3015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3436, 0.3238, 0.3320**, and **29.5533, 0.3914, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **48.8604, 0.4070, 0.3335**, and if you desaturate by 10%, it is **71.3734, 0.3483, 0.3311**.

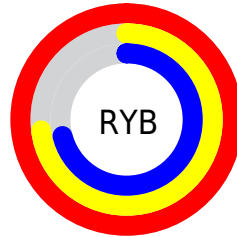
Distribution



Red (100%)

Green (73%)

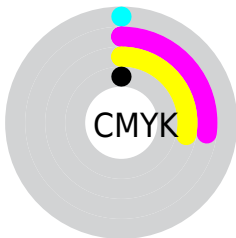
Blue (71%)



Red (100%)

Yellow (73%)

Blue (71%)

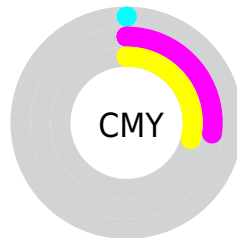


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1462, 0.3746, 0.3323 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 59.1462, 0.3746, 0.3323 by changing the saturation by 10% instead.

 59.1462, 0.3746,
0.3323

 59.1462, 0.3746,
0.3323


421.4435, 0.3446,
0.3314

 42.7308, 0.3818,
0.3323


 103.5901, 0.3639,
0.3321

 29.6740, 0.3909,
0.3323


132.3875, 0.3598,
0.3320

 19.5913, 0.4026,
0.3320


166.0809, 0.3564,
0.3319

 12.0983, 0.4185,
0.3314

205.0548, 0.3534,
0.3318

 6.8106, 0.4410,
0.3300

249.6937, 0.3508,
0.3317

 3.3440, 0.4751,
0.3265

300.3818, 0.3485,

 1.3138, 0.5383,

0.3316

0.3211

357.5036, 0.3464,
0.3315

0.1519, 0.8305,
0.1695

0.0000, 0.0000,
0.0000

59.1462, 0.3746,
0.3323

59.1462, 0.3746,
0.3323

48.8604, 0.4070,
0.3335

71.3734, 0.3483,
0.3311

40.4085, 0.4458,
0.3346

85.6257, 0.3271,
0.3299

33.6851, 0.4905,
0.3354

99.8164, 0.3121,
0.3290

28.5708, 0.5379,
0.3356

■ 24.9312, 0.5826,
0.3349

■ 22.6100, 0.6170,
0.3335

■ 21.4135, 0.6360,
0.3316

■ 21.3040, 0.6381,
0.3316

Harmonies

Analogous

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



59.1462, 0.3490, 0.3047



59.1462, 0.3746, 0.3323



59.1462, 0.3824, 0.3607

Triad

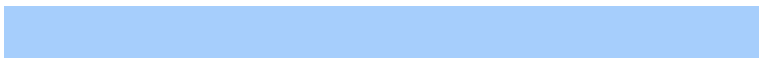
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.1462, 0.3746, 0.3323



59.1462, 0.3082, 0.3816



59.1462, 0.2569, 0.2750

Complementary

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



59.1462, 0.3746, 0.3323



86.1371, 0.2711, 0.3257

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.



59.1462, 0.2476, 0.2918



59.1462, 0.3746, 0.3323



59.1462, 0.2761, 0.3545

Square

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



59.1462, 0.3746, 0.3323



59.1462, 0.3429, 0.3917



59.1462, 0.2543, 0.3206



59.1462, 0.2806, 0.2725

Rectangle

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



59.1462, 0.3746, 0.3323



59.1462, 0.3764, 0.3767



59.1462, 0.2543, 0.3206



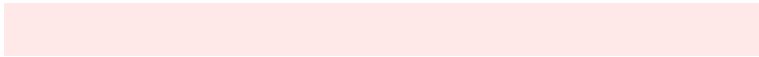
59.1462, 0.2520, 0.2790

Sweetspot

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



59.1490, 0.3746, 0.3323



85.3649, 0.3284, 0.3300



61.5459, 0.3178, 0.2604



17.8002, 0.3312, 0.3301



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.



59.1490, 0.3746, 0.3323



53.5562, 0.3921, 0.3330



75.8649, 0.3645, 0.3685



18.1070, 0.3294, 0.3300



11.2800, 0.6372, 0.3322



1.1387, 0.6305, 0.3376

Inverse Universe

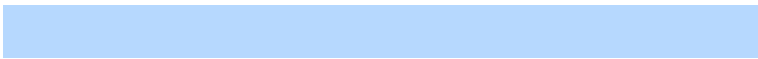
The Inverse Universe completely reimagines the original color for something new.



86.1371, 0.2711, 0.3257



84.8375, 0.2639, 0.3249



66.0253, 0.2669, 0.2859



20.3454, 0.2980, 0.3280



37.7892, 0.2211, 0.3161



3.7177, 0.2216, 0.3176

Previews

White Background



This preview shows how the Yxy color 59.1462, 0.3746, 0.3323 looks on a white background.

Color Contrast Check

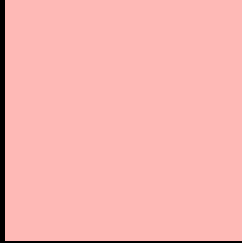
Large Text (above 18pt) WCAG AA × Fail

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 59.1462, 0.3746, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

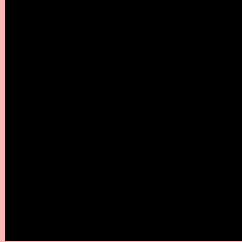
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1462, 0.3746, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 59.1462, 0.3746, 0.3323.



This preview shows how white text looks on a background with the Yxy color 59.1462, 0.3746, 0.3323.

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

59.1462, 0.3746, 0.3323

Protanopia

59.5580, 0.3262, 0.3420

Deuteranopia

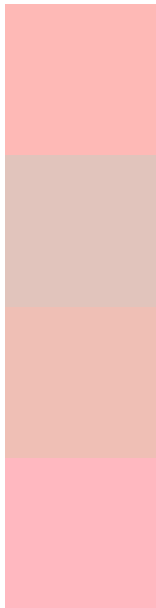
59.1485, 0.3532, 0.3460



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.1462, 0.3746, 0.3323

Protanomaly

59.1182, 0.3425, 0.3382

Deuteranomaly

58.9485, 0.3610, 0.3401

Tritanomaly

59.3468, 0.3670, 0.3208

Monochromacy



Original Color

59.1462, 0.3746, 0.3323

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.1074, 0.3335, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1462, 0.3746, 0.3323 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(254, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 182)  
}
```

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(254, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 182) }
```

Border

The CSS property to change the border of an element to Yxy 59.1462, 0.3746, 0.3323 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(254, 185, 182) }
```

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

```
.border{ border-color:rgb(254, 185, 182) }
```

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

Here you see how a box with a 4 pixel rgb(254, 185, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1462, 0.3746, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 182) }
```

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

```
.background{ background-color: rgb(254,  
185, 182) }
```

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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