

Converting Colors

$Y_{xy}(59.3257, 0.3788, 0.3516)$

Have a look what the booklet for
Yxy(59.3257, 0.3788, 0.3516)
contains.

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Color

Yxy(59.4656, 0.3782, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	F7BEA9
RGB	247, 190, 169
RGB Percent	97%, 75%, 66%
CMY	0.0314, 0.2549, 0.3373
CMYK	0.00, 0.23, 0.32, 0.03
HSL	16°, 83%, 82%
HSV	16°, 32%, 97%
XYZ	63.9281, 59.4656, 45.6387
YIQ	204.6490, 40.7130, 5.5530

Conversions

Conversions Part 2

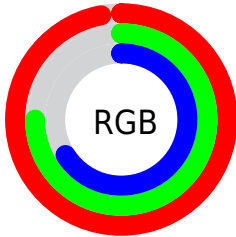
Format	Color
R _Y B	247, 198, 169
Decimal	16236201
CIE Lab	81.55, 17.62, 18.51
CIE LCh	82, 25.554, 46.406
Yxy	59.4656, 0.3782, 0.3518
Android (android.graphics.Color)	4294426281 (0xFFF7BEA9)
YUV	204.6490, -17.5750, 37.1418
Hunter-Lab	77.1139, 13.0285, 18.8898

Details

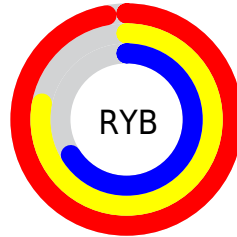
The Yxy color **59.4656, 0.3782, 0.3518** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.5207, 0.2645, 0.3048**, and the grayscale version is **60.9108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5534, 0.3320, 0.3506**, and **29.7115, 0.3950, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **51.2885, 0.4073, 0.3592**, and if you desaturate by 10%, it is **68.7909, 0.3534, 0.3443**.

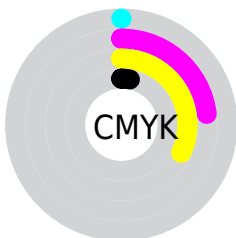
Distribution



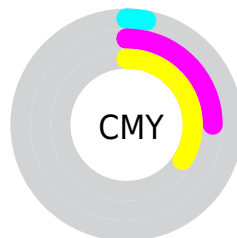
- Red (97%)
- Green (75%)
- Blue (66%)



- Red (97%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (32%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4656, 0.3782, 0.3518 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 59.4656, 0.3782, 0.3518 by changing the saturation by 10% instead.

 59.4656, 0.3782,
0.3518

 59.4656, 0.3782,
0.3518

422.6252, 0.3465,
0.3417

 42.9880, 0.3858,
0.3539


 104.0541, 0.3669,
0.3484

 29.8757, 0.3953,
0.3565


132.9338, 0.3626,
0.3471

 19.7443, 0.4076,
0.3595


166.7163, 0.3590,
0.3459

 12.2093, 0.4240,
0.3631

205.7860, 0.3558,
0.3449

 6.8864, 0.4471,
0.3673

250.5274, 0.3530,
0.3439

 3.3911, 0.4813,
0.3714

301.3248, 0.3506,

 1.3392, 0.5729,

0.3431

0.3980

358.5626, 0.3484,
0.3424

0.1712, 0.7759,
0.2241

0.0000, 0.0000,
0.0000

59.4656, 0.3782,
0.3518

59.4656, 0.3782,
0.3518

51.2885, 0.4073,
0.3592

68.7909, 0.3534,
0.3443

44.2061, 0.4408,
0.3658

79.2985, 0.3326,
0.3369

38.1731, 0.4779,
0.3708

91.0315, 0.3152,
0.3300

33.1375, 0.5168,
0.3729

98.5116, 0.3078,
0.3290

■ 29.0423, 0.5542,
0.3711

■ 25.8244, 0.5859,
0.3647

■ 23.7355, 0.6063,
0.3568

Harmonies

Analogous

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



59.4656, 0.3656, 0.3246



59.4656, 0.3782, 0.3518



59.4656, 0.3720, 0.3751

Triad

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



59.4656, 0.3782, 0.3518



59.4656, 0.2860, 0.3613



59.4656, 0.2750, 0.2749

Complementary

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



59.4656, 0.3782, 0.3518



69.5207, 0.2645, 0.3048

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.



59.4656, 0.2560, 0.2812



59.4656, 0.3782, 0.3518



59.4656, 0.2621, 0.3302

Square

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



59.4656, 0.3782, 0.3518



59.4656, 0.3180, 0.3829



59.4656, 0.2514, 0.3007



59.4656, 0.3047, 0.2817

Rectangle

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



59.4656, 0.3782, 0.3518



59.4656, 0.3585, 0.3850



59.4656, 0.2514, 0.3007



59.4656, 0.2672, 0.2755

Sweetspot

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



59.4684, 0.3782, 0.3518



88.3757, 0.3278, 0.3351



53.6449, 0.3333, 0.2697



18.5357, 0.3305, 0.3361



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.



59.4684, 0.3782, 0.3518



58.1041, 0.3966, 0.3567



78.5566, 0.3658, 0.3911



17.2091, 0.3287, 0.3354



12.7542, 0.6034, 0.3591



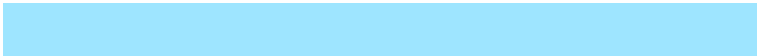
1.2841, 0.5791, 0.3784

Inverse Universe

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



69.5207, 0.2645, 0.3048



70.4720, 0.2553, 0.2990



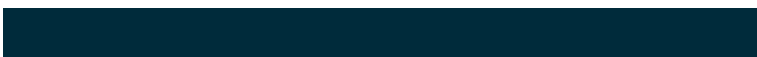
50.7691, 0.2589, 0.2579



17.9580, 0.2980, 0.3225



21.1525, 0.1997, 0.2390



2.0284, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 59.4656, 0.3782, 0.3518 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 59.4656, 0.3782, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

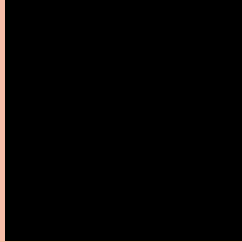
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4656, 0.3782, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 59.4656, 0.3782, 0.3518.



This preview shows how white text looks on a background with the Yxy color 59.4656, 0.3782, 0.3518.

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

59.4656, 0.3782, 0.3518

Protanopia

59.4823, 0.3415, 0.3608

Deuteranopia

59.5195, 0.3672, 0.3592



Tritanopia

59.6119, 0.3555, 0.3144

Trichromacy



Original Color

59.4656, 0.3782, 0.3518

Protanomaly

59.4128, 0.3539, 0.3577

Deuteranomaly

59.3178, 0.3712, 0.3567

Tritanomaly

59.3545, 0.3638, 0.3270

Monochromacy



Original Color

59.4656, 0.3782, 0.3518

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3300, 0.3346, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4656, 0.3782, 0.3518 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, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 169)  
}
```

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, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 169) }
```

Border

The CSS property to change the border of an element to Yxy 59.4656, 0.3782, 0.3518 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, 190, 169) }
```

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

```
.border{ border-color:rgb(247, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4656, 0.3782, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 169) }
```

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

```
.background{ background-color: rgb(247,  
190, 169) }
```

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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