

Converting Colors

$Yxy(57.1303, 0.3912, 0.3486)$

Have a look what the booklet for
Yxy(57.1303, 0.3912, 0.3486)
contains.

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Color

Yxy(57.2071, 0.3914, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FEB6A4
RGB	254, 182, 164
RGB Percent	100%, 71%, 64%
CMY	0.0039, 0.2863, 0.3568
CMYK	0.00, 0.28, 0.35, 0.00
HSL	12°, 98%, 82%
HSV	12°, 35%, 100%
XYZ	64.3046, 57.2071, 42.7821
YIQ	201.4760, 48.6900, 9.6660

Conversions

Conversions Part 2

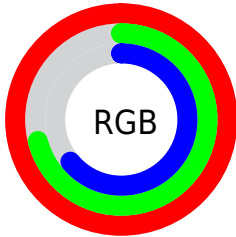
Format	Color
RYB	254, 187, 164
Decimal	16692900
CIELab	80.30, 23.87, 19.54
CIElCh	80, 30.849, 39.305
Yxy	57.2071, 0.3914, 0.3482
Android (android.graphics.Color)	4294882980 (0xFFFE6A4)
YUV	201.4760, -18.4757, 46.0635
Hunter-Lab	75.6354, 19.3974, 19.4082

Details

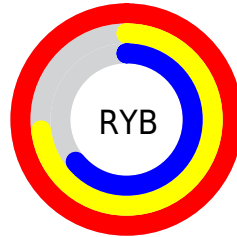
The Yxy color **57.2071, 0.3914, 0.3482** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.0531, 0.2599, 0.3086**, and the grayscale version is **58.8162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5235, 0.3363, 0.3479**, and **28.4725, 0.4118, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **48.6524, 0.4242, 0.3535**, and if you desaturate by 10%, it is **67.1587, 0.3637, 0.3426**.

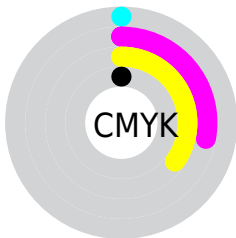
Distribution



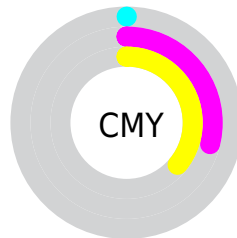
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (35%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2071, 0.3914, 0.3482 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 57.2071, 0.3914, 0.3482 by changing the saturation by 10% instead.


 57.2071, 0.3914,
0.3482


 57.2071, 0.3914,
0.3482

414.2249, 0.3530,
0.3402

 41.1715, 0.4006,
0.3498


 100.7673, 0.3777,
0.3456

 28.4531, 0.4123,
0.3515


 129.0607, 0.3725,
0.3446

 18.6675, 0.4273,
0.3534


162.2089, 0.3680,
0.3436

 11.4303, 0.4475,
0.3553

200.5963, 0.3642,
0.3428

 6.3570, 0.4759,
0.3568

244.6071, 0.3609,
0.3420

 3.0634, 0.5180,
0.3559

294.6259, 0.3579,

 1.1649, 0.6277,

0.3413

0.3723

351.0370, 0.3553,
0.3407

0.0328, 0.9493,
0.0507

0.0000, 0.0000,
0.0000

57.2071, 0.3914,
0.3482

57.2071, 0.3914,
0.3482

48.6524, 0.4242,
0.3535

67.1587, 0.3637,
0.3426

41.4236, 0.4618,
0.3579

78.5576, 0.3407,
0.3370

35.4557, 0.5030,
0.3605

91.4620, 0.3216,
0.3317

30.6749, 0.5447,
0.3602

99.8120, 0.3121,
0.3290

■ 26.9992, 0.5823,
0.3565

■ 24.3355, 0.6107,
0.3492

■ 23.4193, 0.6204,
0.3456

Harmonies

Analogous

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



57.2071, 0.3709, 0.3156



57.2071, 0.3914, 0.3482



57.2071, 0.3889, 0.3786

Triad

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



57.2071, 0.3914, 0.3482



57.2071, 0.2885, 0.3768



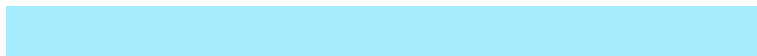
57.2071, 0.2600, 0.2639

Complementary

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



57.2071, 0.3914, 0.3482



75.0531, 0.2599, 0.3086

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.



57.2071, 0.2412, 0.2748



57.2071, 0.3914, 0.3482



57.2071, 0.2567, 0.3394

Square

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



57.2071, 0.3914, 0.3482



57.2071, 0.3282, 0.3991



57.2071, 0.2400, 0.3016



57.2071, 0.2933, 0.2688

Rectangle

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



57.2071, 0.3914, 0.3482



57.2071, 0.3751, 0.3936



57.2071, 0.2400, 0.3016



57.2071, 0.2519, 0.2657

Sweetspot

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



57.2098, 0.3914, 0.3482



84.8302, 0.3318, 0.3346



53.7731, 0.3302, 0.2554



17.7849, 0.3344, 0.3353



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.



57.2098, 0.3914, 0.3482



51.0498, 0.4158, 0.3523



77.8792, 0.3756, 0.3918



18.5748, 0.3289, 0.3338



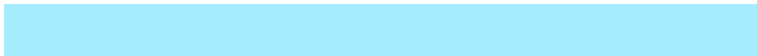
12.5094, 0.6180, 0.3475



1.3629, 0.5975, 0.3638

Inverse Universe

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



75.0531, 0.2599, 0.3086



71.5975, 0.2499, 0.3035



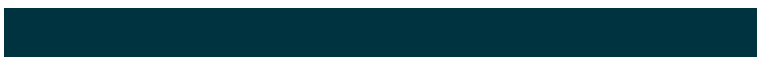
52.9756, 0.2528, 0.2567



19.8283, 0.2980, 0.3241



26.5635, 0.2065, 0.2634



2.7357, 0.2088, 0.2717

Previews

White Background



This preview shows how the Yxy color 57.2071, 0.3914, 0.3482 looks on a white background.

Color Contrast Check

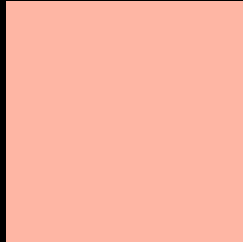
Large Text (above 18pt) WCAG AA × Fail

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 57.2071, 0.3914, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

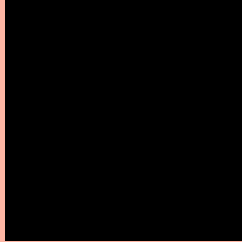
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2071, 0.3914, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 57.2071, 0.3914, 0.3482.



This preview shows how white text looks on a background with the Yxy color 57.2071, 0.3914, 0.3482.

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

57.2071, 0.3914, 0.3482

Protanopia

57.3807, 0.3411, 0.3613

Deuteranopia

57.4637, 0.3705, 0.3630



Tritanopia

57.3060, 0.3683, 0.3156

Trichromacy



Original Color

57.2071, 0.3914, 0.3482



Protanomaly

57.0121, 0.3584, 0.3567



Deuteranomaly

57.1360, 0.3779, 0.3568



Tritanomaly

57.2799, 0.3769, 0.3271

Monochromacy



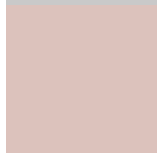
Original Color

57.2071, 0.3914, 0.3482



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.4301, 0.3387, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2071, 0.3914, 0.3482 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, 182, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 182, 164)  
}
```

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, 182, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 182, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.2071, 0.3914, 0.3482 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, 182, 164) }
```

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

```
.border{ border-color:rgb(254, 182, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 182, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 182, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 182, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 182,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2071, 0.3914, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 182, 164) }
```

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

```
.background{ background-color: rgb(254,  
182, 164) }
```

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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