

Converting Colors

$Yxy(57.6974, 0.3905, 0.3491)$

Have a look what the booklet for
Yxy(57.6974, 0.3905, 0.3491)
contains.

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Color

Yxy(57.6181, 0.3910, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7A4
RGB	254, 183, 164
RGB Percent	100%, 72%, 64%
CMY	0.0041, 0.2823, 0.3569
CMYK	0.00, 0.28, 0.35, 0.00
HSL	13°, 98%, 82%
HSV	13°, 35%, 100%
XYZ	64.4966, 57.6181, 42.8383
YIQ	202.0630, 48.4150, 9.1430

Conversions

Conversions Part 2

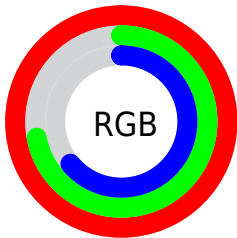
Format	Color
RYB	254, 188, 164
Decimal	16693156
CIELab	80.53, 23.32, 19.87
CIElCh	81, 30.636, 40.443
Yxy	57.6181, 0.3910, 0.3493
Android (android.graphics.Color)	4294883236 (0xFFFE7A4)
YUV	202.0630, -18.7651, 45.5487
Hunter-Lab	75.9066, 18.8321, 19.6740

Details

The Yxy color **57.6181, 0.3910, 0.3493** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.4209, 0.2597, 0.3074**, and the grayscale version is **59.2012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1075, 0.3361, 0.3489**, and **28.7372, 0.4112, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **49.1107, 0.4234, 0.3549**, and if you desaturate by 10%, it is **67.4893, 0.3635, 0.3433**.

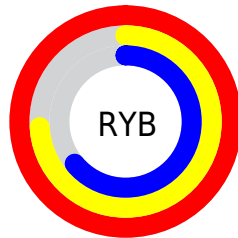
Distribution



Red (100%)

Green (72%)

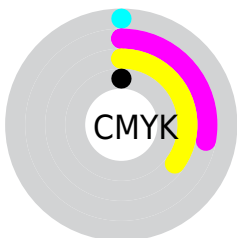
Blue (64%)



Red (100%)

Yellow (74%)

Blue (64%)

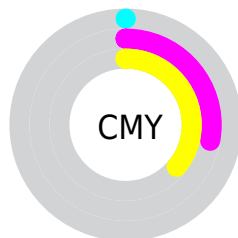


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6181, 0.3910, 0.3493 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 57.6181, 0.3910, 0.3493 by changing the saturation by 10% instead.


 57.6181, 0.3910,
0.3493


 57.6181, 0.3910,
0.3493


415.7614, 0.3529,
0.3407

 41.5017, 0.4002,
0.3510


 101.3665, 0.3774,
0.3465

 28.7113, 0.4117,
0.3529


 129.7673, 0.3722,
0.3454

 18.8625, 0.4266,
0.3550


163.0317, 0.3678,
0.3444

 11.5710, 0.4466,
0.3572

201.5441, 0.3640,
0.3435

 6.4523, 0.4746,
0.3590

245.6889, 0.3607,
0.3427

 3.1220, 0.5160,
0.3588

295.8504, 0.3578,

 1.1958, 0.6239,

0.3420

0.3761

352.4131, 0.3552,
0.3413

0.0582, 0.9147,
0.0853

0.0000, 0.0000,
0.0000

57.6181, 0.3910,
0.3493

57.6181, 0.3910,
0.3493

49.1107, 0.4234,
0.3549

67.4893, 0.3635,
0.3433

41.8987, 0.4607,
0.3596

78.7726, 0.3406,
0.3375

35.9196, 0.5013,
0.3624

91.5239, 0.3216,
0.3319

31.1027, 0.5426,
0.3623

99.8040, 0.3121,
0.3290

■ 27.3698, 0.5800,
0.3585

■ 24.6316, 0.6085,
0.3510

■ 23.6771, 0.6184,
0.3472

Harmonies

Analogous

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



57.6181, 0.3715, 0.3169



57.6181, 0.3910, 0.3493



57.6181, 0.3877, 0.3792

Triad

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



57.6181, 0.3910, 0.3493



57.6181, 0.2874, 0.3751



57.6181, 0.2615, 0.2644

Complementary

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



57.6181, 0.3910, 0.3493



74.4209, 0.2597, 0.3074

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.



57.6181, 0.2422, 0.2746



57.6181, 0.3910, 0.3493



57.6181, 0.2563, 0.3378

Square

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



57.6181, 0.3910, 0.3493



57.6181, 0.3266, 0.3979



57.6181, 0.2403, 0.3006



57.6181, 0.2949, 0.2698

Rectangle

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



57.6181, 0.3910, 0.3493



57.6181, 0.3735, 0.3937



57.6181, 0.2403, 0.3006



57.6181, 0.2532, 0.2660

Sweetspot

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



57.6209, 0.3910, 0.3493



85.0155, 0.3317, 0.3349



53.6654, 0.3315, 0.2568



17.8288, 0.3344, 0.3357



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.



57.6209, 0.3910, 0.3493



51.5229, 0.4151, 0.3536



78.6665, 0.3750, 0.3933



18.6096, 0.3289, 0.3341



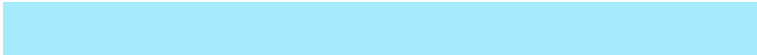
12.6576, 0.6159, 0.3492



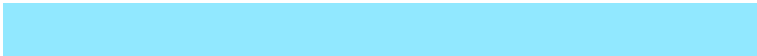
1.3821, 0.5950, 0.3658

Inverse Universe

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



74.4209, 0.2597, 0.3074



70.8739, 0.2497, 0.3020



52.2985, 0.2525, 0.2548



19.7906, 0.2980, 0.3239



25.8382, 0.2054, 0.2593



2.6711, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 57.6181, 0.3910, 0.3493 looks on a white background.

Color Contrast Check

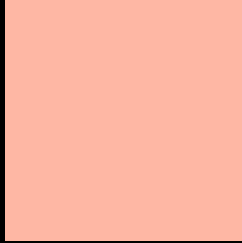
Large Text (above 18pt) WCAG AA × Fail

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 57.6181, 0.3910, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

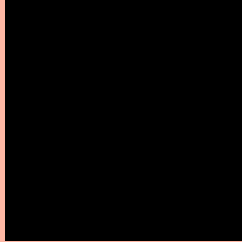
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6181, 0.3910, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 57.6181, 0.3910, 0.3493.



This preview shows how white text looks on a background with the Yxy color 57.6181, 0.3910, 0.3493.

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

57.6181, 0.3910, 0.3493

Protanopia

57.9887, 0.3417, 0.3624

Deuteranopia

57.6315, 0.3714, 0.3629



Tritanopia

57.7528, 0.3671, 0.3156

Trichromacy



Original Color

57.6181, 0.3910, 0.3493

Protanomaly

57.6169, 0.3590, 0.3578

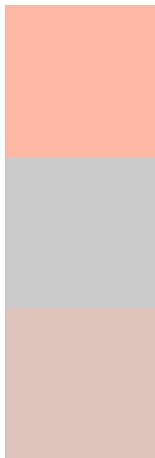
Deuteranomaly

57.7403, 0.3785, 0.3577

Tritanomaly

57.6851, 0.3766, 0.3281

Monochromacy



Original Color

57.6181, 0.3910, 0.3493

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.0332, 0.3393, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6181, 0.3910, 0.3493 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, 183, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 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, 183, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 164) }
```

Border

The CSS property to change the border of an element to Yxy 57.6181, 0.3910, 0.3493 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, 183, 164) }
```

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

```
.border{ border-color:rgb(254, 183, 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, 183, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6181, 0.3910, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 164) }
```

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

```
.background{ background-color: rgb(254,  
183, 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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