

Converting Colors

Yxy(64.8021, 0.3666, 0.3526)

Have a look what the booklet for
Yxy(64.8021, 0.3666, 0.3526)
contains.

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Color

Yxy(64.8021, 0.3666, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	F7C9B3
RGB	247, 201, 179
RGB Percent	97%, 79%, 70%
CMY	0.0315, 0.2117, 0.2980
CMYK	0.00, 0.19, 0.28, 0.03
HSL	19°, 81%, 84%
HSV	19°, 28%, 97%
XYZ	67.3751, 64.8021, 51.6064
YIQ	212.2460, 34.4780, 2.9100

Conversions

Conversions Part 2

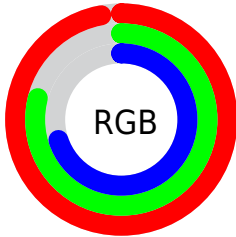
Format	Color
R _Y B	247, 212, 179
Decimal	16239027
CIE Lab	84.38, 13.14, 17.14
CIE LCh	84, 21.593, 52.524
Yxy	64.8021, 0.3666, 0.3526
Android (android.graphics.Color)	4294429107 (0xFFFF7C9B3)
YUV	212.2460, -16.3903, 30.4793
Hunter-Lab	80.4998, 8.5228, 18.3404

Details

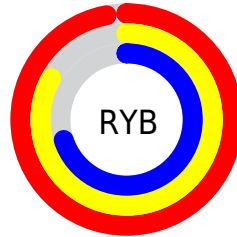
The Yxy color **64.8021, 0.3666, 0.3526** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.1301, 0.2701, 0.3041**, and the grayscale version is **66.1051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **33.3209, 0.3808, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **56.5252, 0.3929, 0.3616**, and if you desaturate by 10%, it is **74.1105, 0.3441, 0.3437**.

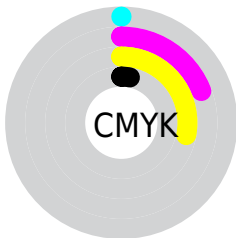
Distribution



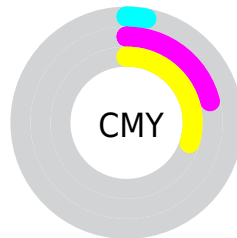
- Red (97%)
- Green (79%)
- Blue (70%)



- Red (97%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8021, 0.3666, 0.3526 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 64.8021, 0.3666, 0.3526 by changing the saturation by 10% instead.


 64.8021, 0.3666,
0.3526

 64.8021, 0.3666,
0.3526


442.0805, 0.3409,
0.3420

 47.3006, 0.3726,
0.3549


 111.7653, 0.3576,
0.3490

 33.2734, 0.3802,
0.3577


141.9958, 0.3541,
0.3476

 22.3360, 0.3898,
0.3611


177.2381, 0.3511,
0.3463

 14.1040, 0.4026,
0.3654

217.8766, 0.3485,
0.3453

 8.1930, 0.4204,
0.3708

264.2957, 0.3463,
0.3443

 4.2187, 0.4464,
0.3775

316.8798, 0.3443,

 1.7966, 0.4938,

0.3435

0.3900

376.0132, 0.3425,
0.3427

0.4851, 0.6171,
0.3829

0.0000, 0.0000,
0.0000

64.8021, 0.3666,
0.3526

64.8021, 0.3666,
0.3526

56.5252, 0.3929,
0.3616

74.1105, 0.3441,
0.3437

49.2344, 0.4231,
0.3701

84.4759, 0.3251,
0.3351

42.8938, 0.4568,
0.3772

95.9344, 0.3090,
0.3271

37.4619, 0.4928,
0.3817

98.5099, 0.3078,
0.3290

■ 32.8936, 0.5288,
0.3825

■ 29.1393, 0.5614,
0.3784

■ 26.1417, 0.5876,
0.3696

■ 25.5036, 0.5933,
0.3671

Harmonies

Analogous

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



64.8021, 0.3593, 0.3302



64.8021, 0.3666, 0.3526



64.8021, 0.3587, 0.3701

Triad

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



64.8021, 0.3666, 0.3526



64.8021, 0.2861, 0.3505



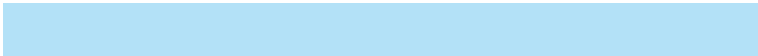
64.8021, 0.2861, 0.2844

Complementary

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



64.8021, 0.3666, 0.3526



70.1301, 0.2701, 0.3041

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.



64.8021, 0.2681, 0.2876



64.8021, 0.3666, 0.3526



64.8021, 0.2681, 0.3249

Square

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



64.8021, 0.3666, 0.3526



64.8021, 0.3117, 0.3702



64.8021, 0.2616, 0.3019



64.8021, 0.3119, 0.2921

Rectangle

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



64.8021, 0.3666, 0.3526



64.8021, 0.3462, 0.3763



64.8021, 0.2616, 0.3019



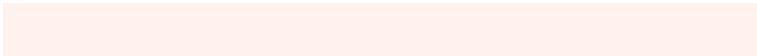
64.8021, 0.2790, 0.2842

Sweetspot

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



64.8051, 0.3666, 0.3526



90.2676, 0.3259, 0.3355



57.4729, 0.3329, 0.2808



18.9474, 0.3286, 0.3368



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

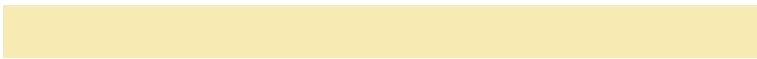
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.8051, 0.3666, 0.3526



64.6282, 0.3807, 0.3576



82.1640, 0.3575, 0.3863



17.3586, 0.3286, 0.3367



13.7189, 0.5903, 0.3695



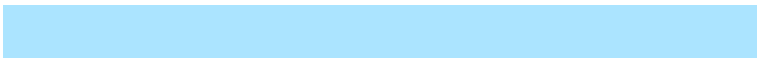
1.3846, 0.5660, 0.3888

Inverse Universe

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



70.1301, 0.2701, 0.3041



71.2108, 0.2617, 0.2983



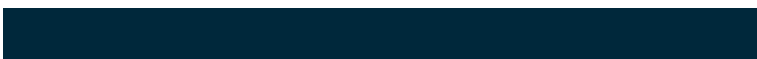
53.7634, 0.2661, 0.2644



17.8003, 0.2980, 0.3212



18.4403, 0.1943, 0.2195



1.8068, 0.1986, 0.2349

Previews

White Background



This preview shows how the Yxy color 64.8021, 0.3666, 0.3526 looks on a white background.

Color Contrast Check

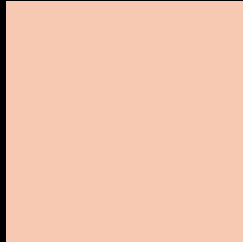
Large Text (above 18pt) WCAG AA × Fail

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 64.8021, 0.3666, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

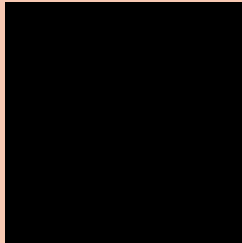
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.8021, 0.3666, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 64.8021, 0.3666, 0.3526.



This preview shows how white text looks on a background with the Yxy color 64.8021, 0.3666, 0.3526.

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

64.8021, 0.3666, 0.3526

Protanopia

64.9260, 0.3397, 0.3585

Deuteranopia

65.0212, 0.3628, 0.3550



Tritanopia

64.6922, 0.3455, 0.3135

Trichromacy



Original Color

64.8021, 0.3666, 0.3526

Protanomaly

64.8260, 0.3490, 0.3569

Deuteranomaly

64.7288, 0.3639, 0.3538

Tritanomaly

64.8357, 0.3538, 0.3281

Monochromacy



Original Color

64.8021, 0.3666, 0.3526

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.2894, 0.3314, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8021, 0.3666, 0.3526 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, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 179)  
}
```

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, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 179) }
```

Border

The CSS property to change the border of an element to Yxy 64.8021, 0.3666, 0.3526 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, 201, 179) }
```

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

```
.border{ border-color:rgb(247, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8021, 0.3666, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 179) }
```

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

```
.background{ background-color: rgb(247,  
201, 179) }
```

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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