

Converting Colors

$Yxy(60.7772, 0.3780, 0.3476)$

Have a look what the booklet for
Yxy(60.7772, 0.3780, 0.3476)
contains.

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Color

Yxy(60.7880, 0.3779, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FBBFAD
RGB	251, 191, 173
RGB Percent	98%, 75%, 68%
CMY	0.0157, 0.2509, 0.3216
CMYK	0.00, 0.24, 0.31, 0.02
HSL	14°, 91%, 83%
HSV	14°, 31%, 98%
XYZ	65.9540, 60.7880, 47.7857
YIQ	206.8880, 41.5380, 7.1220

Conversions

Conversions Part 2

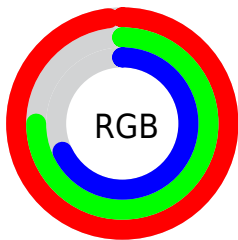
Format	Color
R _Y B	251, 196, 173
Decimal	16498605
CIE Lab	82.26, 19.11, 17.43
CIE LCh	82, 25.865, 42.379
Yxy	60.7880, 0.3779, 0.3483
Android (android.graphics.Color)	4294688685 (0xFFFBBFAD)
YUV	206.8880, -16.7068, 38.6862
Hunter-Lab	77.9667, 14.5561, 18.2379

Details

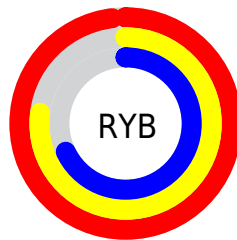
The Yxy color **60.7880, 0.3779, 0.3483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1077, 0.2656, 0.3087**, and the grayscale version is **62.4115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9962, 0.3293, 0.3486**, and **30.6093, 0.3944, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **52.0375, 0.4077, 0.3547**, and if you desaturate by 10%, it is **70.8359, 0.3528, 0.3418**.

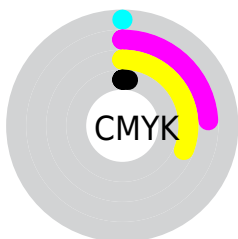
Distribution



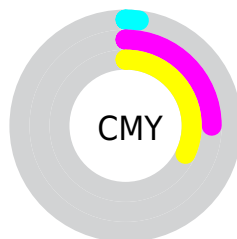
- Red (98%)
- Green (75%)
- Blue (68%)



- Red (98%)
- Yellow (77%)
- Blue (68%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7880, 0.3779, 0.3483 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 60.7880, 0.3779, 0.3483 by changing the saturation by 10% instead.


 60.7880, 0.3779,
0.3483

 60.7880, 0.3779,
0.3483


427.4963, 0.3464,
0.3399

 44.0541, 0.3854,
0.3500


 105.9719, 0.3667,
0.3455

 30.7130, 0.3948,
0.3521


135.1907, 0.3625,
0.3444

 20.3804, 0.4069,
0.3545


169.3400, 0.3588,
0.3434

 12.6719, 0.4231,
0.3573

208.8040, 0.3557,
0.3426

 7.2030, 0.4458,
0.3604

253.9673, 0.3529,
0.3418

 3.5894, 0.4795,
0.3631

305.2141, 0.3505,

 1.4466, 0.5551,

0.3411

0.3772

362.9290, 0.3484,
0.3405

0.2507, 0.7376,
0.2624

0.0000, 0.0000,
0.0000

60.7880, 0.3779,
0.3483

60.7880, 0.3779,
0.3483

52.0375, 0.4077,
0.3547

70.8359, 0.3528,
0.3418

44.5227, 0.4423,
0.3604

82.2229, 0.3318,
0.3355

38.1892, 0.4809,
0.3645

94.9992, 0.3144,
0.3296

32.9754, 0.5215,
0.3661

99.2477, 0.3102,
0.3290

■ 28.8136, 0.5605,
0.3641

■ 25.6280, 0.5932,
0.3581

■ 23.5330, 0.6146,
0.3502

Harmonies

Analogous

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



60.7880, 0.3629, 0.3209



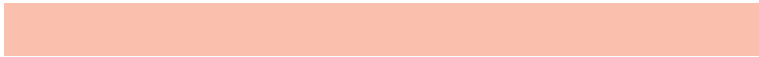
60.7880, 0.3779, 0.3483



60.7880, 0.3742, 0.3726

Triad

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



60.7880, 0.3779, 0.3483



60.7880, 0.2899, 0.3651



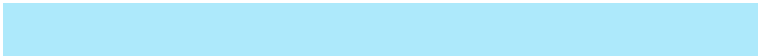
60.7880, 0.2715, 0.2747

Complementary

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



60.7880, 0.3779, 0.3483



74.1077, 0.2656, 0.3087

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.



60.7880, 0.2542, 0.2829



60.7880, 0.3779, 0.3483



60.7880, 0.2644, 0.3345

Square

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



60.7880, 0.3779, 0.3483



60.7880, 0.3225, 0.3849



60.7880, 0.2517, 0.3041



60.7880, 0.3002, 0.2799

Rectangle

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



60.7880, 0.3779, 0.3483



60.7880, 0.3620, 0.3837



60.7880, 0.2517, 0.3041



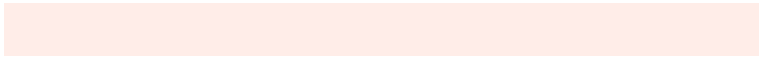
60.7880, 0.2642, 0.2759

Sweetspot

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



60.7909, 0.3779, 0.3483



87.8618, 0.3279, 0.3343



56.3362, 0.3297, 0.2669



18.4099, 0.3306, 0.3351



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.



60.7909, 0.3779, 0.3483



57.4612, 0.3951, 0.3521



79.5026, 0.3661, 0.3865



17.8758, 0.3288, 0.3345



12.5521, 0.6119, 0.3524



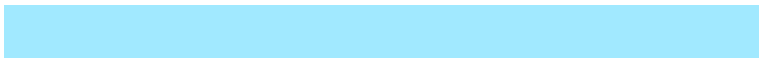
1.3163, 0.5894, 0.3702

Inverse Universe

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



74.1077, 0.2656, 0.3087



73.1521, 0.2573, 0.3042



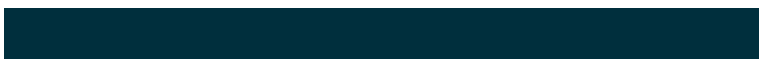
54.9177, 0.2603, 0.2639



18.8886, 0.2980, 0.3234



23.9427, 0.2035, 0.2525



2.3769, 0.2063, 0.2627

Previews

White Background



This preview shows how the Yxy color 60.7880, 0.3779, 0.3483 looks on a white background.

Color Contrast Check

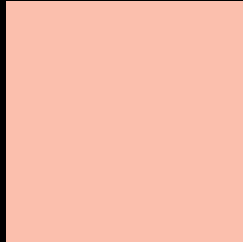
Large Text (above 18pt) WCAG AA × Fail

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 60.7880, 0.3779, 0.3483 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 60.7880, 0.3779, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 60.7880, 0.3779, 0.3483.



This preview shows how white text looks on a background with the Yxy color 60.7880, 0.3779, 0.3483.

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

60.7880, 0.3779, 0.3483

Protanopia

60.7772, 0.3382, 0.3571

Deuteranopia

60.7439, 0.3642, 0.3568



Tritanopia

60.8285, 0.3578, 0.3146

Trichromacy



Original Color

60.7880, 0.3779, 0.3483

Protanomaly

60.3521, 0.3522, 0.3540

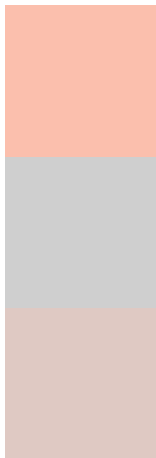
Deuteranomaly

60.7095, 0.3690, 0.3543

Tritanomaly

60.6107, 0.3652, 0.3260

Monochromacy



Original Color

60.7880, 0.3779, 0.3483

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4014, 0.3346, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7880, 0.3779, 0.3483 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(251, 191, 173)` looks like.

```
.text, #text, p{  
    color:rgb(251, 191, 173)  
}
```

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(251, 191, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 191, 173) }
```

Border

The CSS property to change the border of an element to Yxy 60.7880, 0.3779, 0.3483 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(251, 191, 173) }
```

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

```
.border{ border-color:rgb(251, 191, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 191, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 191, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 191, 173);  
box-shadow:4px 4px 4px 4px rgb(251, 191,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7880, 0.3779, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 191, 173) }
```

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

```
.background{ background-color: rgb(251,  
191, 173) }
```

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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