

Converting Colors

$Y_{xy}(62.2751, 0.3695, 0.3510)$

Have a look what the booklet for
Yxy(62.2751, 0.3695, 0.3510)
contains.

| | |
|---|----|
| Yxy(62.2073, 0.3697, 0.3506) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(62.2073, 0.3697, 0.3506)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F6C4B0 |
| RGB | 246, 196, 176 |
| RGB Percent | 96%, 77%, 69% |
| CMY | 0.0351, 0.2314, 0.3098 |
| CMYK | 0.00, 0.20, 0.28, 0.04 |
| HSL | 17°, 80%, 83% |
| HSV | 17°, 28%, 96% |
| XYZ | 65.5962, 62.2073, 49.6274 |
| YIQ | 208.6700, 36.2200, 4.3800 |

Conversions

Conversions Part 2

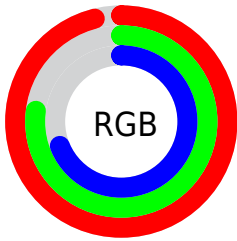
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 246, 204, 176 |
| Decimal | 16172208 |
| CIELab | 83.02, 15.03, 16.81 |
| CIELCh | 83, 22.555, 48.201 |
| Yxy | 62.2073, 0.3697, 0.3506 |
| Android (android.graphics.Color) | 4294362288 (0xFFFF6C4B0) |
| YUV | 208.6700, -16.1063, 32.7384 |
| Hunter-Lab | 78.8716, 10.4302, 17.9038 |

Details

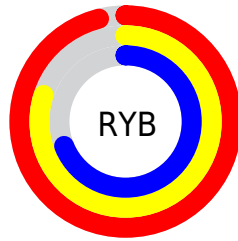
The Yxy color $62.2073, 0.3697, 0.3506$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $70.3209, 0.2690, 0.3062$, and the grayscale version is $63.6277, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.3368, 0.3264, 0.3494$, and $31.5949, 0.3853, 0.3555$ is the 20% darker color. If you saturate the color by 10%, you get $53.8489, 0.3971, 0.3585$, and if you desaturate by 10%, it is $71.6780, 0.3464, 0.3427$.

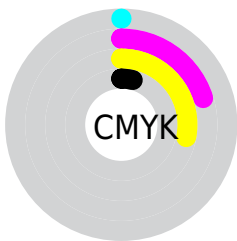
Distribution



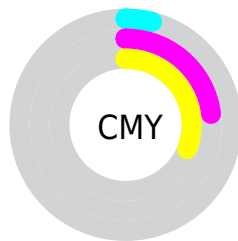
- Red (96%)
- Green (77%)
- Blue (69%)



- Red (96%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2073, 0.3697, 0.3506 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 62.2073, 0.3697, 0.3506 by changing the saturation by 10% instead.


 62.2073, 0.3697,
0.3506

 62.2073, 0.3697,
0.3506

432.6869, 0.3423,
0.3410

 45.2002, 0.3762,
0.3527


 108.0251, 0.3600,
0.3473

 31.6152, 0.3843,
0.3552

137.6046, 0.3563,
0.3460

 21.0677, 0.3948,
0.3582


172.1437, 0.3531,
0.3449

 13.1735, 0.4087,
0.3620

212.0267, 0.3504,
0.3439

 7.5481, 0.4282,
0.3666

257.6382, 0.3480,
0.3431

 3.8072, 0.4571,
0.3720

309.3624, 0.3459,

 1.5663, 0.5163,

0.3423

0.3864

367.5839, 0.3440,
0.3416

0.3347, 0.6718,
0.3282

0.0000, 0.0000,
0.0000

62.2073, 0.3697,
0.3506

62.2073, 0.3697,
0.3506

53.8489, 0.3971,
0.3585

71.6780, 0.3464,
0.3427

46.5527, 0.4288,
0.3659

82.2917, 0.3268,
0.3351

40.2772, 0.4643,
0.3719

94.0885, 0.3104,
0.3279

34.9750, 0.5022,
0.3753

98.3421, 0.3072,
0.3290

■ 30.5943, 0.5398,
0.3750

■ 27.0781, 0.5732,
0.3702

■ 24.3588, 0.5992,
0.3611

■ 24.0047, 0.6027,
0.3597

Harmonies

Analogous

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



62.2073, 0.3597, 0.3268



62.2073, 0.3697, 0.3506



62.2073, 0.3635, 0.3703

Triad

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



62.2073, 0.3697, 0.3506



62.2073, 0.2881, 0.3554



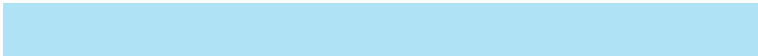
62.2073, 0.2812, 0.2816

Complementary

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



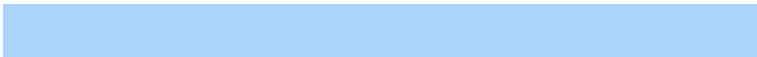
62.2073, 0.3697, 0.3506



70.3209, 0.2690, 0.3062

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.



62.2073, 0.2637, 0.2867



62.2073, 0.3697, 0.3506



62.2073, 0.2676, 0.3286

Square

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



62.2073, 0.3697, 0.3506



62.2073, 0.3157, 0.3748



62.2073, 0.2589, 0.3033



62.2073, 0.3076, 0.2882

Rectangle

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



62.2073, 0.3697, 0.3506



62.2073, 0.3514, 0.3782



62.2073, 0.2589, 0.3033



62.2073, 0.2741, 0.2820

Sweetspot

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



62.2102, 0.3697, 0.3506



88.5855, 0.3278, 0.3355



56.1581, 0.3318, 0.2768



18.5871, 0.3305, 0.3366



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.



62.2102, 0.3697, 0.3506



62.2507, 0.3845, 0.3551



79.8190, 0.3598, 0.3860



17.2522, 0.3286, 0.3358



13.0126, 0.5998, 0.3620



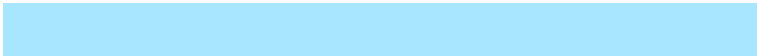
1.3117, 0.5754, 0.3813

Inverse Universe

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



70.3209, 0.2690, 0.3062



72.3229, 0.2607, 0.3011



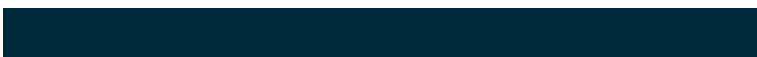
53.2298, 0.2646, 0.2646



17.9123, 0.2980, 0.3221



20.3423, 0.1982, 0.2334



1.9626, 0.2019, 0.2468

Previews

White Background



This preview shows how the Yxy color 62.2073, 0.3697, 0.3506 looks on a white background.

Color Contrast Check

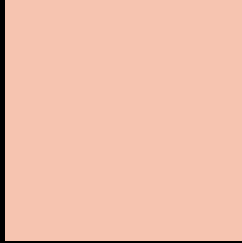
Large Text (above 18pt) WCAG AA × Fail

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 62.2073, 0.3697, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

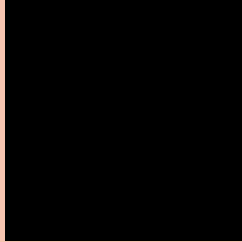
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2073, 0.3697, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 62.2073, 0.3697, 0.3506.



This preview shows how white text looks on a background with the Yxy color 62.2073, 0.3697, 0.3506.

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

62.2073, 0.3697, 0.3506

Protanopia

62.2305, 0.3395, 0.3579

Deuteranopia

62.1191, 0.3629, 0.3555



Tritanopia

62.2952, 0.3485, 0.3144

Trichromacy



Original Color

62.2073, 0.3697, 0.3506

Protanomaly

61.9897, 0.3508, 0.3550

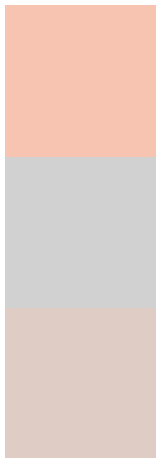
Deuteranomaly

62.1841, 0.3657, 0.3542

Tritanomaly

62.0365, 0.3565, 0.3270

Monochromacy



Original Color

62.2073, 0.3697, 0.3506

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.7465, 0.3318, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2073, 0.3697, 0.3506 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(246, 196, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 196, 176)  
}
```

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(246, 196, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 196, 176) }
```

Border

The CSS property to change the border of an element to Yxy 62.2073, 0.3697, 0.3506 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(246, 196, 176) }
```

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

```
.border{ border-color:rgb(246, 196, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 196, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 196, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 196, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 196,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2073, 0.3697, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 196, 176) }
```

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

```
.background{ background-color: rgb(246,  
196, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor