

Converting Colors

$Yxy(61.6745, 0.3658, 0.3502)$

Have a look what the booklet for
Yxy(61.6745, 0.3658, 0.3502)
contains.

| | |
|--|----|
| Yxy(61.5314, 0.3655, 0.3498) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(61.5314, 0.3655, 0.3498)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F2C4B1 |
| RGB | 242, 196, 177 |
| RGB Percent | 95%, 77%, 69% |
| CMY | 0.0510, 0.2313, 0.3059 |
| CMYK | 0.00, 0.19, 0.27, 0.05 |
| HSL | 18°, 71%, 82% |
| HSV | 18°, 27%, 95% |
| XYZ | 64.2931, 61.5314, 50.0800 |
| YIQ | 207.5880, 33.5150, 3.8430 |

Conversions

Conversions Part 2

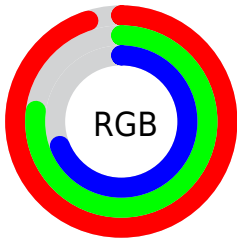
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 242, 204, 177 |
| Decimal | 15910065 |
| CIE Lab | 82.66, 13.64, 15.73 |
| CIE LCh | 83, 20.817, 49.067 |
| Yxy | 61.5314, 0.3655, 0.3498 |
| Android (android.graphics.Color) | 4294100145 (0xFFFF2C4B1) |
| YUV | 207.5880, -15.0799, 30.1793 |
| Hunter-Lab | 78.4420, 9.0299, 17.0566 |

Details

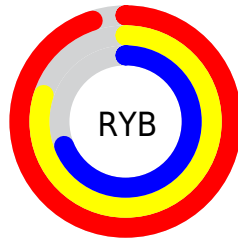
The Yxy color **61.5314, 0.3655, 0.3498** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5268, 0.2714, 0.3071**, and the grayscale version is **62.8805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3938, 0.3258, 0.3484**, and **31.1155, 0.3797, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **53.3642, 0.3921, 0.3580**, and if you desaturate by 10%, it is **70.7570, 0.3429, 0.3417**.

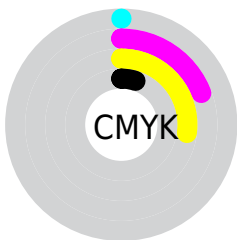
Distribution



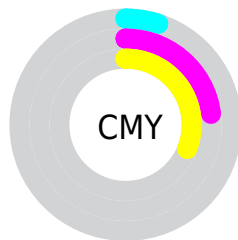
- Red (95%)
- Green (77%)
- Blue (69%)



- Red (95%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5314, 0.3655, 0.3498 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 61.5314, 0.3655, 0.3498 by changing the saturation by 10% instead.


 61.5314, 0.3655,
0.3498

 61.5314, 0.3655,
0.3498

430.2197, 0.3401,
0.3404

 44.6542, 0.3715,
0.3519

 107.0480, 0.3565,
0.3466

 31.1851, 0.3791,
0.3543


136.4561, 0.3531,
0.3453

 20.7398, 0.3889,
0.3574


170.8100, 0.3501,
0.3443

 12.9340, 0.4019,
0.3612

210.4941, 0.3476,
0.3433

 7.3831, 0.4202,
0.3660

255.8927, 0.3454,
0.3425

 3.7028, 0.4475,
0.3719

307.3902, 0.3434,

 1.5088, 0.5035,

0.3417

0.3870

365.3711, 0.3417,
0.3410

0.2949, 0.6753,
0.3247

0.0000, 0.0000,
0.0000

61.5314, 0.3655,
0.3498

61.5314, 0.3655,
0.3498

53.3642, 0.3921,
0.3580

70.7570, 0.3429,
0.3417

46.2082, 0.4228,
0.3657

81.0689, 0.3240,
0.3340

40.0254, 0.4575,
0.3721

92.5046, 0.3080,
0.3268

34.7719, 0.4947,
0.3762

97.6172, 0.3047,
0.3290

■ 30.3998, 0.5323,
0.3767

■ 26.8569, 0.5664,
0.3727

■ 24.0833, 0.5935,
0.3642

■ 23.3551, 0.6008,
0.3611

Harmonies

Analogous

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



61.5314, 0.3567, 0.3277



61.5314, 0.3655, 0.3498



61.5314, 0.3594, 0.3678

Triad

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



61.5314, 0.3655, 0.3498



61.5314, 0.2892, 0.3528



61.5314, 0.2841, 0.2850

Complementary

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



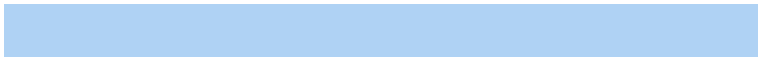
61.5314, 0.3655, 0.3498



68.5268, 0.2714, 0.3071

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.



61.5314, 0.2675, 0.2895



61.5314, 0.3655, 0.3498



61.5314, 0.2704, 0.3279

Square

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



61.5314, 0.3655, 0.3498



61.5314, 0.3148, 0.3709



61.5314, 0.2627, 0.3047



61.5314, 0.3088, 0.2914

Rectangle

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



61.5314, 0.3655, 0.3498



61.5314, 0.3480, 0.3747



61.5314, 0.2627, 0.3047



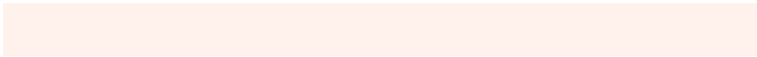
61.5314, 0.2774, 0.2852

Sweetspot

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



61.5342, 0.3655, 0.3498



89.8891, 0.3260, 0.3349



55.6790, 0.3305, 0.2799



18.8525, 0.3287, 0.3360



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.



61.5342, 0.3655, 0.3498



64.3454, 0.3789, 0.3541



77.4918, 0.3569, 0.3827



16.5120, 0.3286, 0.3360



12.7511, 0.5979, 0.3635



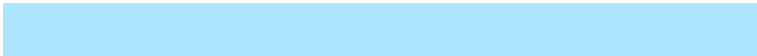
1.2264, 0.5722, 0.3839

Inverse Universe

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



68.5268, 0.2714, 0.3071



73.3776, 0.2636, 0.3023



53.0539, 0.2676, 0.2689



17.1026, 0.2981, 0.3219



19.3839, 0.1975, 0.2309



1.7835, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 61.5314, 0.3655, 0.3498 looks on a white background.

Color Contrast Check

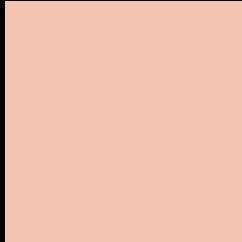
Large Text (above 18pt) WCAG AA × Fail

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 61.5314, 0.3655, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

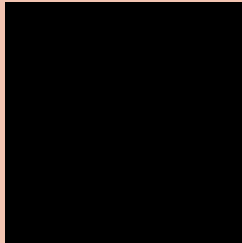
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5314, 0.3655, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 61.5314, 0.3655, 0.3498.



This preview shows how white text looks on a background with the Yxy color 61.5314, 0.3655, 0.3498.

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

61.5314, 0.3655, 0.3498

Protanopia

61.4871, 0.3373, 0.3558

Deuteranopia

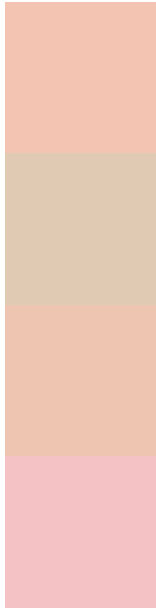
61.3954, 0.3599, 0.3523



Tritanopia

61.6167, 0.3445, 0.3132

Trichromacy



Original Color

61.5314, 0.3655, 0.3498

Protanomaly

61.5439, 0.3475, 0.3540

Deuteranomaly

61.2840, 0.3619, 0.3511

Tritanomaly

61.3585, 0.3524, 0.3259

Monochromacy



Original Color

61.5314, 0.3655, 0.3498

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4326, 0.3303, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5314, 0.3655, 0.3498 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(242, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 177)  
}
```

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(242, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 177) }
```

Border

The CSS property to change the border of an element to Yxy 61.5314, 0.3655, 0.3498 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(242, 196, 177) }
```

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

```
.border{ border-color:rgb(242, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 177);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5314, 0.3655, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 177) }
```

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

```
.background{ background-color: rgb(242,  
196, 177) }
```

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