

Converting Colors

$Yxy(62.8503, 0.3706, 0.3561)$

Have a look what the booklet for
Yxy(62.8503, 0.3706, 0.3561)
contains.

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Color

Yxy(62.8178, 0.3707, 0.3561)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6AD
RGB	245, 198, 173
RGB Percent	96%, 78%, 68%
CMY	0.0392, 0.2235, 0.3217
CMYK	0.00, 0.19, 0.29, 0.04
HSL	21°, 78%, 82%
HSV	21°, 29%, 96%
XYZ	65.3933, 62.8178, 48.1938
YIQ	209.2030, 36.0370, 2.1890

Conversions

Conversions Part 2

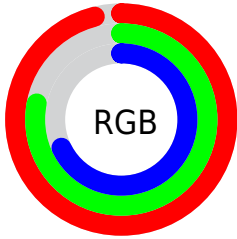
Format	Color
R _Y B	245, 211, 173
Decimal	16107181
CIE Lab	83.35, 13.19, 18.87
CIE LCh	83, 23.018, 55.053
Yxy	62.8178, 0.3707, 0.3561
Android (android.graphics.Color)	4294297261 (0xFFFF5C6AD)
YUV	209.2030, -17.8481, 31.3940
Hunter-Lab	79.2577, 8.5745, 19.4282

Details

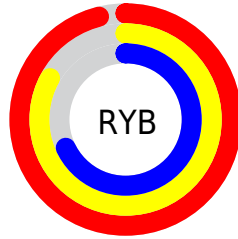
The Yxy color **62.8178, 0.3707, 0.3561** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **66.6443, 0.2670, 0.3001**, and the grayscale version is **64.0018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **32.0184, 0.3854, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **55.0312, 0.3972, 0.3657**, and if you desaturate by 10%, it is **71.5554, 0.3478, 0.3465**.

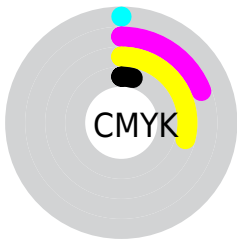
Distribution



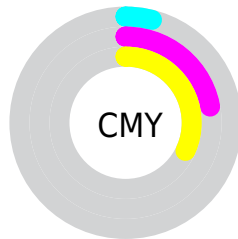
- Red (96%)
- Green (78%)
- Blue (68%)



- Red (96%)
- Yellow (83%)
- Blue (68%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8178, 0.3707, 0.3561 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 62.8178, 0.3707, 0.3561 by changing the saturation by 10% instead.

 62.8178, 0.3707,
0.3561

 62.8178, 0.3707,
0.3561


434.9079, 0.3429,
0.3439

 45.6938, 0.3772,
0.3588


 108.9066, 0.3609,
0.3519

 32.0043, 0.3854,
0.3620


138.6402, 0.3571,
0.3503

 21.3648, 0.3960,
0.3660


173.3459, 0.3539,
0.3489

 13.3909, 0.4099,
0.3709

213.4079, 0.3511,
0.3476

 7.6983, 0.4293,
0.3771

259.2107, 0.3487,
0.3465

 3.9025, 0.4577,
0.3847

311.1388, 0.3465,

 1.6192, 0.5205,

0.3455

0.4067

369.5764, 0.3446,
0.3447

0.3705, 0.6453,
0.3547

0.0000, 0.0000,
0.0000

62.8178, 0.3707,
0.3561

62.8178, 0.3707,
0.3561

55.0312, 0.3972,
0.3657

71.5554, 0.3478,
0.3465

48.1536, 0.4274,
0.3746

81.2669, 0.3283,
0.3372

42.1524, 0.4607,
0.3819

91.9852, 0.3118,
0.3285

36.9897, 0.4957,
0.3864

98.1548, 0.3066,
0.3290

■ 32.6240, 0.5302,
0.3867

■ 29.0099, 0.5610,
0.3820

■ 26.0905, 0.5857,
0.3727

■ 25.9366, 0.5870,
0.3721

Harmonies

Analogous

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



62.8178, 0.3642, 0.3323



62.8178, 0.3707, 0.3561



62.8178, 0.3608, 0.3744

Triad

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



62.8178, 0.3707, 0.3561



62.8178, 0.2820, 0.3500



62.8178, 0.2861, 0.2814

Complementary

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



62.8178, 0.3707, 0.3561



66.6443, 0.2670, 0.3001

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.



62.8178, 0.2659, 0.2837



62.8178, 0.3707, 0.3561



62.8178, 0.2636, 0.3222

Square

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



62.8178, 0.3707, 0.3561



62.8178, 0.3091, 0.3722



62.8178, 0.2579, 0.2981



62.8178, 0.3143, 0.2905

Rectangle

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



62.8178, 0.3707, 0.3561



62.8178, 0.3466, 0.3804



62.8178, 0.2579, 0.2981



62.8178, 0.2782, 0.2808

Sweetspot

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



62.8207, 0.3707, 0.3561



89.4249, 0.3277, 0.3369



54.5078, 0.3356, 0.2786



18.7929, 0.3303, 0.3382



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

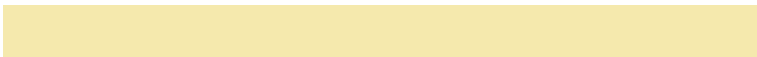
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8207, 0.3707, 0.3561



63.8322, 0.3853, 0.3616



80.7107, 0.3605, 0.3914



17.4244, 0.3285, 0.3373



14.2040, 0.5841, 0.3744



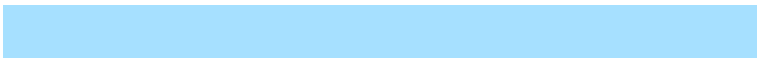
1.4331, 0.5601, 0.3935

Inverse Universe

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



66.6443, 0.2670, 0.3001



68.6005, 0.2584, 0.2936



50.1591, 0.2623, 0.2578



17.7316, 0.2980, 0.3206



17.3362, 0.1920, 0.2110



1.7154, 0.1965, 0.2275

Previews

White Background



This preview shows how the Yxy color 62.8178, 0.3707, 0.3561 looks on a white background.

Color Contrast Check

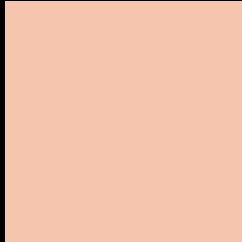
Large Text (above 18pt) WCAG AA × Fail

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 62.8178, 0.3707, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

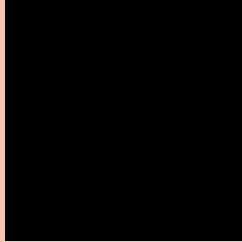
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8178, 0.3707, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 62.8178, 0.3707, 0.3561.



This preview shows how white text looks on a background with the Yxy color 62.8178, 0.3707, 0.3561.

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

62.8178, 0.3707, 0.3561

Protanopia

62.9001, 0.3431, 0.3624

Deuteranopia

62.8509, 0.3659, 0.3586



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.8178, 0.3707, 0.3561

Protanomaly

62.8143, 0.3526, 0.3606

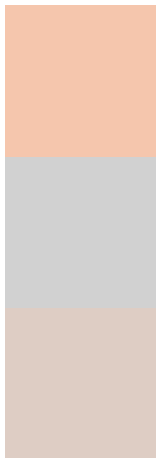
Deuteranomaly

62.7412, 0.3679, 0.3574

Tritanomaly

62.9268, 0.3561, 0.3291

Monochromacy



Original Color

62.8178, 0.3707, 0.3561

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1778, 0.3324, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8178, 0.3707, 0.3561 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(245, 198, 173)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 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(245, 198, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 173) }
```

Border

The CSS property to change the border of an element to Yxy 62.8178, 0.3707, 0.3561 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(245, 198, 173) }
```

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

```
.border{ border-color:rgb(245, 198, 173) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 173);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8178, 0.3707, 0.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 173) }
```

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

```
.background{ background-color: rgb(245,  
198, 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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