

Converting Colors

$Yxy(61.1980, 0.3705, 0.3456)$

Have a look what the booklet for
Yxy(61.1980, 0.3705, 0.3456)
contains.

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Color

Yxy(61.3107, 0.3706, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	F8C1B2
RGB	248, 193, 178
RGB Percent	97%, 76%, 70%
CMY	0.0274, 0.2431, 0.3020
CMYK	0.00, 0.22, 0.28, 0.03
HSL	13°, 83%, 84%
HSV	13°, 28%, 97%
XYZ	65.8220, 61.3107, 50.4765
YIQ	207.7350, 37.5950, 6.9950

Conversions

Conversions Part 2

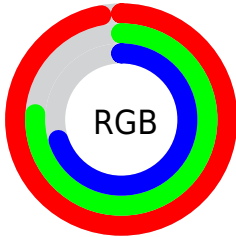
Format	Color
R _Y B	248, 197, 178
Decimal	16302514
CIE Lab	82.55, 17.60, 15.12
CIE LCh	83, 23.201, 40.660
Yxy	61.3107, 0.3706, 0.3452
Android (android.graphics.Color)	4294492594 (0xFFF8C1B2)
YUV	207.7350, -14.6594, 35.3124
Hunter-Lab	78.3011, 13.0247, 16.5897

Details

The Yxy color **61.3107, 0.3706, 0.3452** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5263, 0.2699, 0.3121**, and the grayscale version is **62.9764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5717, 0.3255, 0.3446**, and **30.8931, 0.3855, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **52.3505, 0.3993, 0.3512**, and if you desaturate by 10%, it is **71.5918, 0.3465, 0.3392**.

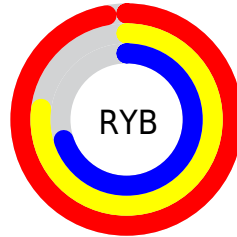
Distribution



Red (97%)

Green (76%)

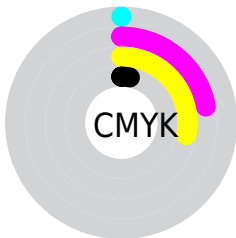
Blue (70%)



Red (97%)

Yellow (77%)

Blue (70%)

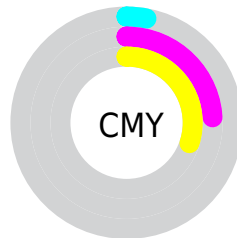


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (3%)



Cyan (3%)


Magenta (24%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3107, 0.3706, 0.3452 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 61.3107, 0.3706, 0.3452 by changing the saturation by 10% instead.


 61.3107, 0.3706,
0.3452

 61.3107, 0.3706,
0.3452


429.4123, 0.3427,
0.3381

 44.4760, 0.3772,
0.3467

 106.7287, 0.3607,
0.3428

 31.0449, 0.3856,
0.3484

136.0807, 0.3569,
0.3419

 20.6330, 0.3963,
0.3505


170.3740, 0.3537,
0.3411

 12.8560, 0.4107,
0.3530

209.9928, 0.3509,
0.3403

 7.3295, 0.4310,
0.3559

255.3217, 0.3485,
0.3397

 3.6690, 0.4612,
0.3587

306.7450, 0.3463,

 1.4902, 0.5209,

0.3391

0.3670

364.6470, 0.3444,
0.3386

0.2818, 0.7122,
0.2878

0.0000, 0.0000,
0.0000

61.3107, 0.3706,
0.3452

61.3107, 0.3706,
0.3452

52.3505, 0.3993,
0.3512

71.5918, 0.3465,
0.3392

44.6490, 0.4330,
0.3567

83.2360, 0.3266,
0.3334

38.1514, 0.4712,
0.3610

96.2939, 0.3100,
0.3281

32.7956, 0.5123,
0.3632

98.7006, 0.3084,
0.3290

■ 28.5138, 0.5528,
0.3621

■ 25.2303, 0.5881,
0.3573

■ 22.8566, 0.6139,
0.3492

■ 22.5216, 0.6177,
0.3478

Harmonies

Analogous

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



61.3107, 0.3563, 0.3205



61.3107, 0.3706, 0.3452



61.3107, 0.3684, 0.3673

Triad

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



61.3107, 0.3706, 0.3452



61.3107, 0.2940, 0.3625



61.3107, 0.2745, 0.2803

Complementary

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



61.3107, 0.3706, 0.3452



74.5263, 0.2699, 0.3121

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.



61.3107, 0.2596, 0.2885



61.3107, 0.3706, 0.3452



61.3107, 0.2704, 0.3357

Square

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



61.3107, 0.3706, 0.3452



61.3107, 0.3233, 0.3792



61.3107, 0.2581, 0.3083



61.3107, 0.3000, 0.2842

Rectangle

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



61.3107, 0.3706, 0.3452



61.3107, 0.3580, 0.3774



61.3107, 0.2581, 0.3083



61.3107, 0.2682, 0.2816

Sweetspot

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



61.3136, 0.3706, 0.3452



88.9520, 0.3261, 0.3333



57.7375, 0.3269, 0.2716



18.6180, 0.3289, 0.3342



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.



61.3136, 0.3706, 0.3452



59.5895, 0.3867, 0.3487



78.1192, 0.3610, 0.3799



17.8281, 0.3289, 0.3342



12.3283, 0.6152, 0.3497



1.2893, 0.5931, 0.3673

Inverse Universe

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



74.5263, 0.2699, 0.3121



75.8089, 0.2617, 0.3081



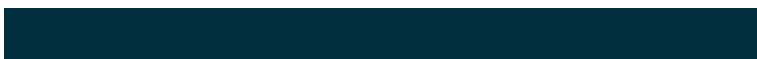
57.0878, 0.2657, 0.2722



18.9400, 0.2980, 0.3238



24.9207, 0.2051, 0.2584



2.4597, 0.2077, 0.2678

Previews

White Background



This preview shows how the Yxy color 61.3107, 0.3706, 0.3452 looks on a white background.

Color Contrast Check

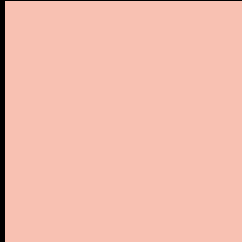
Large Text (above 18pt) WCAG AA × Fail

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 61.3107, 0.3706, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

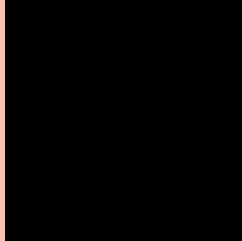
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3107, 0.3706, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 61.3107, 0.3706, 0.3452.



This preview shows how white text looks on a background with the Yxy color 61.3107, 0.3706, 0.3452.

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

61.3107, 0.3706, 0.3452

Protanopia

61.4195, 0.3350, 0.3535

Deuteranopia

61.3954, 0.3599, 0.3523



Tritanopia

61.2641, 0.3524, 0.3134

Trichromacy



Original Color

61.3107, 0.3706, 0.3452

Protanomaly

61.3194, 0.3470, 0.3506

Deuteranomaly

61.1794, 0.3638, 0.3499

Tritanomaly

61.0910, 0.3588, 0.3239

Monochromacy



Original Color

61.3107, 0.3706, 0.3452

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4311, 0.3328, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3107, 0.3706, 0.3452 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(248, 193, 178)` looks like.

```
.text, #text, p{  
    color:rgb(248, 193, 178)  
}
```

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(248, 193, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 193, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.3107, 0.3706, 0.3452 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(248, 193, 178) }
```

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

```
.border{ border-color:rgb(248, 193, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 193, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 193, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 193, 178);  
box-shadow:4px 4px 4px 4px rgb(248, 193,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3107, 0.3706, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 193, 178) }
```

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

```
.background{ background-color: rgb(248,  
193, 178) }
```

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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