

Converting Colors

$Y_{xy}(61.2707, 0.3579, 0.3180)$

Have a look what the booklet for
Yxy(61.2707, 0.3579, 0.3180)
contains.

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Color

Yxy(61.4014, 0.3582, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FDBDC7
RGB	253, 189, 199
RGB Percent	99%, 74%, 78%
CMY	0.0079, 0.2588, 0.2196
CMYK	0.00, 0.25, 0.21, 0.01
HSL	351°, 94%, 87%
HSV	351°, 25%, 99%
XYZ	69.0116, 61.4014, 62.2491
YIQ	209.2760, 34.9340, 16.6780

Conversions

Conversions Part 2

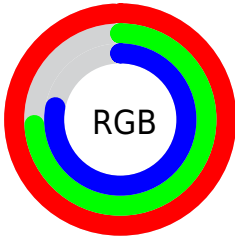
Format	Color
R _Y B	253, 189, 199
Decimal	16629191
CIE Lab	82.59, 24.42, 4.00
CIE LCh	83, 24.749, 9.296
Yxy	61.4014, 0.3582, 0.3187
Android (android.graphics.Color)	4294819271 (0xFFFD BDC7)
YUV	209.2760, -5.0661, 38.3459
Hunter-Lab	78.3590, 20.0783, 7.7508

Details

The Yxy color **61.4014, 0.3582, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5345, 0.2805, 0.3397**, and the grayscale version is **63.9682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.9744, 0.3698, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **50.5292, 0.3841, 0.3144**, and if you desaturate by 10%, it is **74.3167, 0.3372, 0.3229**.

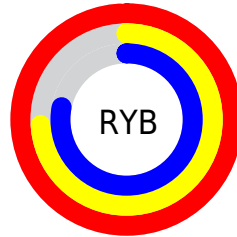
Distribution



Red (99%)

Green (74%)

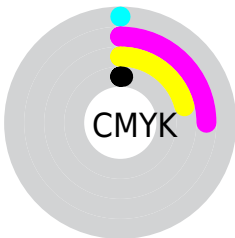
Blue (78%)



Red (99%)

Yellow (74%)

Blue (78%)

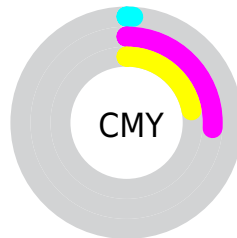


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4014, 0.3582, 0.3187 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 61.4014, 0.3582, 0.3187 by changing the saturation by 10% instead.


 61.4014, 0.3582,
0.3187

 61.4014, 0.3582,
0.3187

429.7442, 0.3364,
0.3238

 44.5492, 0.3634,
0.3174


 106.8599, 0.3505,
0.3206

 31.1025, 0.3699,
0.3158


136.2350, 0.3475,
0.3213

 20.6769, 0.3783,
0.3137


170.5532, 0.3450,
0.3219

 12.8880, 0.3896,
0.3107

210.1989, 0.3428,
0.3224

 7.3515, 0.4055,
0.3064

255.5564, 0.3409,
0.3228

 3.6829, 0.4295,
0.2996


307.0102, 0.3392,


 1.4978, 0.4698,


0.3232

0.2874


364.9447, 0.3377,
0.3235


 0.2872, 0.7307,
0.2414

 0.0000, 0.0000,
0.0000


 61.4014, 0.3582,
0.3187


 61.4014, 0.3582,
0.3187


 50.5292, 0.3841,
0.3144


 74.3167, 0.3372,
0.3229

 41.5872, 0.4157,
0.3105

 89.3634, 0.3203,
0.3270

 34.4646, 0.4529,
0.3073

 99.6206, 0.3115,
0.3290

 29.0359, 0.4949,
0.3058

■ 25.1597, 0.5385,
0.3066

■ 22.6712, 0.5790,
0.3103

■ 21.3682, 0.6105,
0.3166

■ 21.0305, 0.6215,
0.3197

Harmonies

Analogous

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



61.4014, 0.3297, 0.2958



61.4014, 0.3582, 0.3187



61.4014, 0.3742, 0.3449

Triad

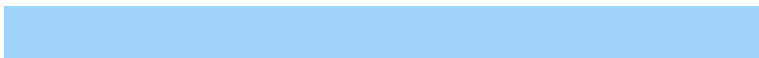
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.4014, 0.3582, 0.3187



61.4014, 0.3254, 0.3832



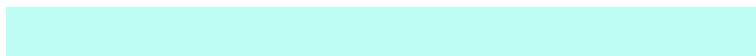
61.4014, 0.2559, 0.2865

Complementary

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



61.4014, 0.3582, 0.3187



87.5345, 0.2805, 0.3397

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.



61.4014, 0.2550, 0.3080



61.4014, 0.3582, 0.3187



61.4014, 0.2940, 0.3659

Square

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



61.4014, 0.3582, 0.3187



61.4014, 0.3543, 0.3835



61.4014, 0.2686, 0.3375



61.4014, 0.2711, 0.2773

Rectangle

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



61.4014, 0.3582, 0.3187



61.4014, 0.3751, 0.3614



61.4014, 0.2686, 0.3375



61.4014, 0.2539, 0.2925

Sweetspot

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



61.4042, 0.3582, 0.3187



86.6084, 0.3245, 0.3259



62.4261, 0.3076, 0.2643



18.0333, 0.3270, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

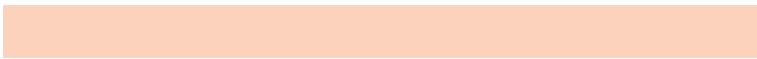
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.4042, 0.3582, 0.3187



57.0375, 0.3698, 0.3167



70.8149, 0.3612, 0.3512



18.0333, 0.3270, 0.3253



11.2019, 0.6185, 0.3181



1.1034, 0.5911, 0.3030

Inverse Universe

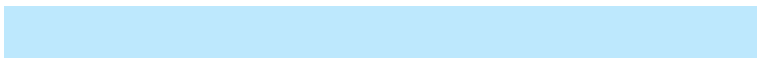
The Inverse Universe completely reimagines the original color for something new.



61.4042, 0.3582, 0.3187



57.0375, 0.3698, 0.3167



75.4350, 0.2734, 0.3056



18.0333, 0.3270, 0.3253



11.2019, 0.6185, 0.3181



1.1034, 0.5911, 0.3030

Previews

White Background



This preview shows how the Yxy color 61.4014, 0.3582, 0.3187 looks on a white background.

Color Contrast Check

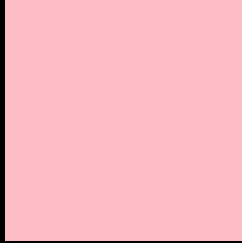
Large Text (above 18pt) WCAG AA × Fail

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 61.4014, 0.3582, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

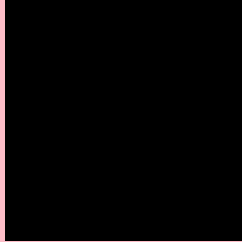
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4014, 0.3582, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 61.4014, 0.3582, 0.3187.



This preview shows how white text looks on a background with the Yxy color 61.4014, 0.3582, 0.3187.

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

61.4014, 0.3582, 0.3187

Protanopia

61.7720, 0.3136, 0.3256

Deuteranopia

61.5361, 0.3382, 0.3313



Tritanopia

61.1609, 0.3551, 0.3135

Trichromacy



Original Color

61.4014, 0.3582, 0.3187

Protanomaly

61.2622, 0.3288, 0.3224

Deuteranomaly

61.2846, 0.3454, 0.3258

Tritanomaly

61.1134, 0.3559, 0.3145

Monochromacy



Original Color

61.4014, 0.3582, 0.3187

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.6564, 0.3285, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4014, 0.3582, 0.3187 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(253, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(253, 189, 199)  
}
```

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(253, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 189, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.4014, 0.3582, 0.3187 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(253, 189, 199) }
```

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

```
.border{ border-color:rgb(253, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(253, 189,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4014, 0.3582, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 189, 199) }
```

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

```
.background{ background-color: rgb(253,  
189, 199) }
```

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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