

Converting Colors

$Yxy(58.8666, 0.3597, 0.3233)$

Have a look what the booklet for
Yxy(58.8666, 0.3597, 0.3233)
contains.

Yxy(58.6977, 0.3598, 0.3227)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6977, 0.3598, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	F7BAC0
RGB	247, 186, 192
RGB Percent	97%, 73%, 75%
CMY	0.0312, 0.2707, 0.2470
CMYK	0.00, 0.25, 0.22, 0.03
HSL	354°, 79%, 85%
HSV	354°, 25%, 97%
XYZ	65.4460, 58.6977, 57.7518
YIQ	204.9230, 34.4300, 14.7980

Conversions

Conversions Part 2

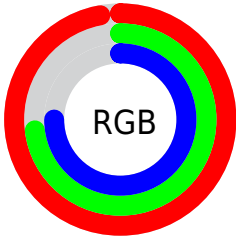
Format	Color
R _Y B	247, 186, 192
Decimal	16235200
CIE Lab	81.13, 22.88, 5.56
CIE LCh	81, 23.545, 13.666
Yxy	58.6977, 0.3598, 0.3227
Android (android.graphics.Color)	4294425280 (0xFFF7BAC0)
YUV	204.9230, -6.3710, 36.9015
Hunter-Lab	76.6144, 18.4041, 8.9374

Details

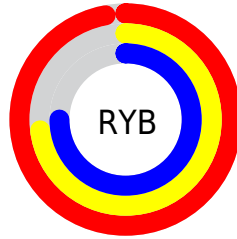
The Yxy color $58.6977, 0.3598, 0.3227$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.3456, 0.2794, 0.3355$, and the grayscale version is $61.0272, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.5416, 0.3176, 0.3232$, and $29.3138, 0.3722, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $48.2630, 0.3873, 0.3200$, and if you desaturate by 10%, it is $71.0867, 0.3376, 0.3254$.

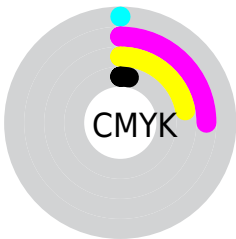
Distribution



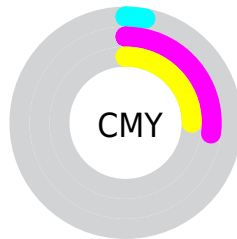
- Red (97%)
- Green (73%)
- Blue (75%)



- Red (97%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (25%)
- Yellow (22%)
- Black (3%)




- Cyan (3%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6977, 0.3598, 0.3227 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 58.6977, 0.3598, 0.3227 by changing the saturation by 10% instead.


 58.6977, 0.3598,
0.3227

 58.6977, 0.3598,
0.3227


419.7807, 0.3370,
0.3260

 42.3698, 0.3653,
0.3218


 102.9382, 0.3517,
0.3239

 29.3910, 0.3722,
0.3207


131.6196, 0.3486,
0.3244

 19.3768, 0.3811,
0.3191


165.1876, 0.3460,
0.3248

 11.9429, 0.3932,
0.3169

204.0266, 0.3437,
0.3251

 6.7048, 0.4105,
0.3135

248.5210, 0.3417,
0.3254

 3.2782, 0.4369,
0.3079


299.0552, 0.3399,


 1.2786, 0.4822,

0.3256

0.2968


356.0137, 0.3384,
0.3258

 0.1246, 0.8446,
0.1554


 0.0000, 0.0000,
0.0000


 58.6977, 0.3598,
0.3227


 58.6977, 0.3598,
0.3227

 48.2630, 0.3873,
0.3200

 71.0867, 0.3376,
0.3254

 39.6751, 0.4208,
0.3176

 85.5140, 0.3198,
0.3279

 32.8286, 0.4604,
0.3157

 98.5244, 0.3078,
0.3290

 27.6044, 0.5047,
0.3149

■ 23.8682, 0.5502,
0.3157

■ 21.4640, 0.5911,
0.3185

■ 20.2014, 0.6207,
0.3228

■ 19.8519, 0.6311,
0.3250

Harmonies

Analogous

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



58.6977, 0.3336, 0.2998



58.6977, 0.3598, 0.3227



58.6977, 0.3729, 0.3481

Triad

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



58.6977, 0.3598, 0.3227



58.6977, 0.3205, 0.3798



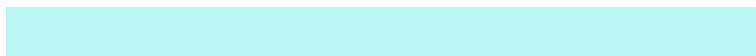
58.6977, 0.2590, 0.2859

Complementary

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



58.6977, 0.3598, 0.3227



83.3456, 0.2794, 0.3355

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.



58.6977, 0.2561, 0.3052



58.6977, 0.3598, 0.3227



58.6977, 0.2906, 0.3611

Square

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



58.6977, 0.3598, 0.3227



58.6977, 0.3493, 0.3826



58.6977, 0.2673, 0.3329



58.6977, 0.2756, 0.2787

Rectangle

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



58.6977, 0.3598, 0.3227



58.6977, 0.3721, 0.3636



58.6977, 0.2673, 0.3329



58.6977, 0.2565, 0.2911

Sweetspot

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



58.7004, 0.3598, 0.3227



88.1420, 0.3236, 0.3273



60.5207, 0.3109, 0.2665



18.6584, 0.3246, 0.3272



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.



58.7004, 0.3598, 0.3227



56.8472, 0.3737, 0.3213



69.6254, 0.3588, 0.3549



16.5091, 0.3278, 0.3267



10.5028, 0.6288, 0.3237



0.9318, 0.6055, 0.3109

Inverse Universe

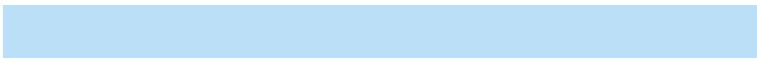
The Inverse Universe completely reimagines the original color for something new.



58.7004, 0.3598, 0.3227



56.8472, 0.3737, 0.3213



69.7316, 0.2739, 0.3016



16.5091, 0.3278, 0.3267



10.5028, 0.6288, 0.3237



0.9318, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 58.6977, 0.3598, 0.3227 looks on a white background.

Color Contrast Check

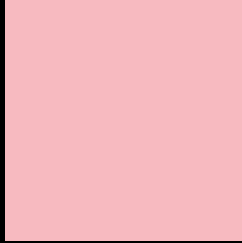
Large Text (above 18pt) WCAG AA × Fail

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 58.6977, 0.3598, 0.3227 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 58.6977, 0.3598, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 58.6977, 0.3598, 0.3227.



This preview shows how white text looks on a background with the Yxy color 58.6977, 0.3598, 0.3227.

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

58.6977, 0.3598, 0.3227

Protanopia

59.0652, 0.3173, 0.3302

Deuteranopia

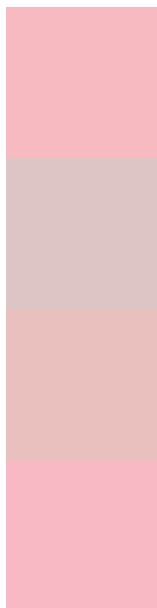
58.9167, 0.3419, 0.3347



Tritanopia

58.7779, 0.3549, 0.3143

Trichromacy



Original Color

58.6977, 0.3598, 0.3227

Protanomaly

58.8832, 0.3321, 0.3279

Deuteranomaly

58.9533, 0.3483, 0.3302

Tritanomaly

58.6399, 0.3574, 0.3174

Monochromacy



Original Color

58.6977, 0.3598, 0.3227

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7739, 0.3287, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6977, 0.3598, 0.3227 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(247, 186, 192)` looks like.

```
.text, #text, p{  
    color:rgb(247, 186, 192)  
}
```

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(247, 186, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 186, 192) }
```

Border

The CSS property to change the border of an element to Yxy 58.6977, 0.3598, 0.3227 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(247, 186, 192) }
```

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

```
.border{ border-color:rgb(247, 186, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 186, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 186, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 186, 192);  
box-shadow:4px 4px 4px 4px rgb(247, 186,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6977, 0.3598, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 186, 192) }
```

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

```
.background{ background-color: rgb(247,  
186, 192) }
```

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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