

Converting Colors

$Y_{xy}(60.7408, 0.3643, 0.3217)$

Have a look what the booklet for
Yxy(60.7408, 0.3643, 0.3217)
contains.

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Color

Yxy(60.6957, 0.3646, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBC2
RGB	255, 187, 194
RGB Percent	100%, 73%, 76%
CMY	0.0000, 0.2666, 0.2393
CMYK	0.00, 0.27, 0.24, 0.00
HSL	354°, 100%, 87%
HSV	354°, 27%, 100%
XYZ	68.7470, 60.6957, 59.1118
YIQ	208.1300, 38.2810, 16.5930

Conversions

Conversions Part 2

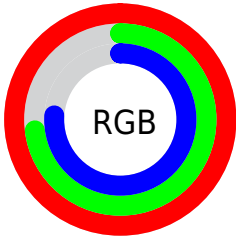
Format	Color
R _Y B	255, 187, 194
Decimal	16759746
CIE Lab	82.21, 25.48, 6.18
CIE LCh	82, 26.222, 13.633
Yxy	60.6957, 0.3646, 0.3219
Android (android.graphics.Color)	4294949826 (0xFFFFBBC2)
YUV	208.1300, -6.9661, 41.1050
Hunter-Lab	77.9074, 21.1737, 9.5493

Details

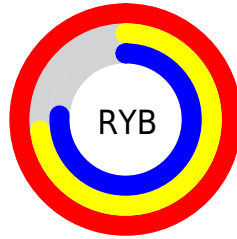
The Yxy color **60.6957, 0.3646, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.8653, 0.2771, 0.3364**, and the grayscale version is **63.1920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8635, 0.3162, 0.3232**, and **30.5388, 0.3786, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **49.8705, 0.3931, 0.3192**, and if you desaturate by 10%, it is **73.6030, 0.3415, 0.3247**.

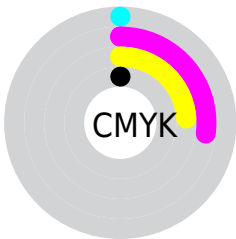
Distribution



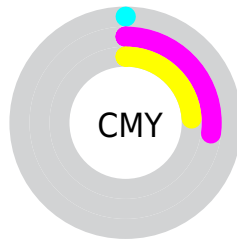
- Red (100%)
- Green (73%)
- Blue (76%)



- Red (100%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6957, 0.3646, 0.3219 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 60.6957, 0.3646, 0.3219 by changing the saturation by 10% instead.


 60.6957, 0.3646,
0.3219

 60.6957, 0.3646,
0.3219


427.1574, 0.3396,
0.3257

 43.9796, 0.3706,
0.3209


 105.8382, 0.3557,
0.3233

 30.6545, 0.3780,
0.3196


135.0334, 0.3524,
0.3238

 20.3359, 0.3877,
0.3179


169.1572, 0.3495,
0.3243

 12.6394, 0.4007,
0.3154

208.5938, 0.3470,
0.3246

 7.1807, 0.4191,
0.3117

253.7278, 0.3448,
0.3249

 3.5754, 0.4470,
0.3055


304.9434, 0.3429,

 1.4390, 0.4938,

0.3252

0.2936


362.6252, 0.3411,
0.3254


 0.2452, 0.7772,
0.2228


 0.0000, 0.0000,
0.0000


 60.6957, 0.3646,
0.3219


 60.6957, 0.3646,
0.3219

 49.8705, 0.3931,
0.3192

 73.6030, 0.3415,
0.3247

 41.0143, 0.4278,
0.3167

 88.6891, 0.3230,
0.3273

 34.0099, 0.4684,
0.3149

100.0000, 0.3127,
0.3290

 28.7256, 0.5133,
0.3143

■ 25.0124, 0.5584,
0.3156

■ 22.6962, 0.5975,
0.3188

■ 21.5587, 0.6245,
0.3235

■ 21.3351, 0.6307,
0.3248

Harmonies

Analogous

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



60.6957, 0.3356, 0.2969



60.6957, 0.3646, 0.3219



60.6957, 0.3791, 0.3497

Triad

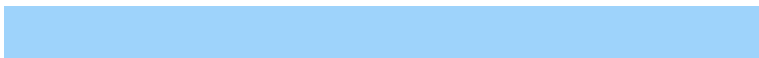
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.6957, 0.3646, 0.3219



60.6957, 0.3212, 0.3852



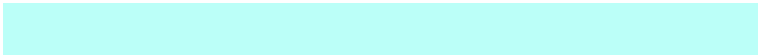
60.6957, 0.2539, 0.2816

Complementary

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



60.6957, 0.3646, 0.3219



88.8653, 0.2771, 0.3364

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.



60.6957, 0.2506, 0.3026



60.6957, 0.3646, 0.3219



60.6957, 0.2883, 0.3645

Square

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



60.6957, 0.3646, 0.3219



60.6957, 0.3529, 0.3881



60.6957, 0.2629, 0.3332



60.6957, 0.2719, 0.2739

Rectangle

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



60.6957, 0.3646, 0.3219



60.6957, 0.3781, 0.3667



60.6957, 0.2629, 0.3332



60.6957, 0.2511, 0.2872

Sweetspot

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



60.6971, 0.3646, 0.3219



86.5441, 0.3252, 0.3270



62.5498, 0.3098, 0.2611



18.0173, 0.3278, 0.3266



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.



60.6971, 0.3646, 0.3219



54.6681, 0.3791, 0.3204



72.4722, 0.3636, 0.3560



18.0173, 0.3278, 0.3266



11.1578, 0.6285, 0.3236



1.0959, 0.6069, 0.3117

Inverse Universe

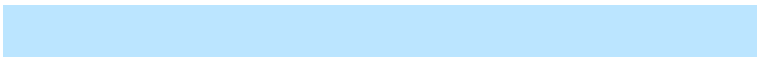
The Inverse Universe completely reimagines the original color for something new.



60.6971, 0.3646, 0.3219



54.6681, 0.3791, 0.3204



73.7887, 0.2709, 0.3003



18.0173, 0.3278, 0.3266



11.1578, 0.6285, 0.3236



1.0959, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 60.6957, 0.3646, 0.3219 looks on a white background.

Color Contrast Check

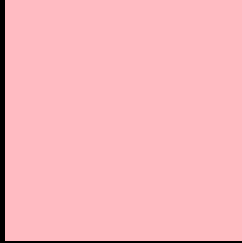
Large Text (above 18pt) WCAG AA × Fail

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 60.6957, 0.3646, 0.3219 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 60.6957, 0.3646, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 60.6957, 0.3646, 0.3219.



This preview shows how white text looks on a background with the Yxy color 60.6957, 0.3646, 0.3219.

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

60.6957, 0.3646, 0.3219

Protanopia

61.0528, 0.3173, 0.3302

Deuteranopia

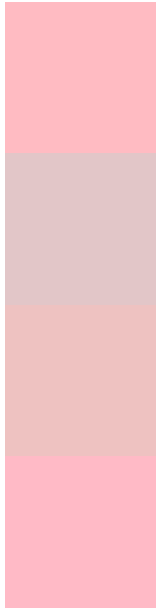
60.8520, 0.3422, 0.3358



Tritanopia

60.5479, 0.3597, 0.3146

Trichromacy



Original Color

60.6957, 0.3646, 0.3219

Protanomaly

60.7270, 0.3336, 0.3268

Deuteranomaly

60.6110, 0.3496, 0.3302

Tritanomaly

60.4550, 0.3614, 0.3167

Monochromacy



Original Color

60.6957, 0.3646, 0.3219

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.6279, 0.3302, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6957, 0.3646, 0.3219 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(255, 187, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 194)  
}
```

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(255, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 194) }
```

Border

The CSS property to change the border of an element to Yxy 60.6957, 0.3646, 0.3219 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(255, 187, 194) }
```

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

```
.border{ border-color:rgb(255, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6957, 0.3646, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 194) }
```

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

```
.background{ background-color: rgb(255,  
187, 194) }
```

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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