

Converting Colors

Yxy(60.9814, 0.3597, 0.3160)

Have a look what the booklet for
Yxy(60.9814, 0.3597, 0.3160)
contains.

Yxy(60.9708, 0.3595, 0.3157)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.9708, 0.3595, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBC8
RGB	255, 187, 200
RGB Percent	100%, 73%, 78%
CMY	0.0000, 0.2666, 0.2158
CMYK	0.00, 0.27, 0.22, 0.00
HSL	349°, 100%, 87%
HSV	349°, 27%, 100%
XYZ	69.4298, 60.9708, 62.7283
YIQ	208.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

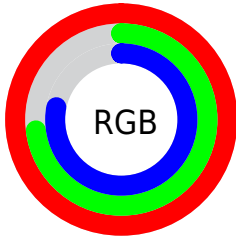
Format	Color
R_{YB}	255, 187, 200
Decimal	16759752
CIE _{Lab}	82.36, 26.33, 3.17
CIE _{LCh}	82, 26.516, 6.876
Yxy	60.9708, 0.3595, 0.3157
Android (android.graphics.Color)	4294949832 (0xFFFFBBC8)
YUV	208.8140, -4.3453, 40.5051
Hunter-Lab	78.0838, 22.0704, 7.0283

Details

The Yxy color **60.9708, 0.3595, 0.3157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4956, 0.2801, 0.3429**, and the grayscale version is **63.6445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **30.7207, 0.3715, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **50.1963, 0.3850, 0.3105**, and if you desaturate by 10%, it is **73.8021, 0.3388, 0.3209**.

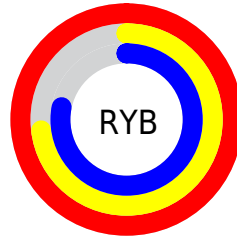
Distribution



Red (100%)

Green (73%)

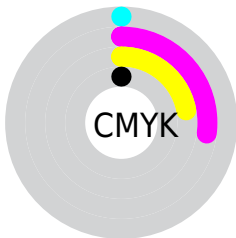
Blue (78%)



Red (100%)

Yellow (73%)

Blue (78%)

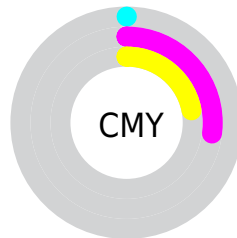


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9708, 0.3595, 0.3157 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 60.9708, 0.3595, 0.3157 by changing the saturation by 10% instead.


 60.9708, 0.3595,
0.3157

 60.9708, 0.3595,
0.3157

428.1669, 0.3371,
0.3223

 44.2016, 0.3648,
0.3141

 106.2367, 0.3516,
0.3181

 30.8290, 0.3715,
0.3121


135.5021, 0.3485,
0.3189

 20.4687, 0.3802,
0.3094


169.7018, 0.3459,
0.3197

 12.7362, 0.3918,
0.3058

209.2200, 0.3437,
0.3204

 7.2471, 0.4081,
0.3006

254.4413, 0.3417,
0.3209

 3.6171, 0.4329,
0.2924


305.7499, 0.3400,


 1.4618, 0.4744,


0.3214


0.2781


363.5303, 0.3384,
0.3219


 0.2616, 0.7333,
0.2150


 0.0000, 0.0000,
0.0000


 60.9708, 0.3595,
0.3157

 60.9708, 0.3595,
0.3157

 50.1963, 0.3850,
0.3105


 73.8021, 0.3388,
0.3209

 41.3633, 0.4159,
0.3057

 88.7808, 0.3220,
0.3259

 34.3582, 0.4522,
0.3019

99.9987, 0.3127,
0.3290

 29.0519, 0.4929,
0.3001

■ 25.2984, 0.5352,
0.3011

■ 22.9270, 0.5745,
0.3055

■ 21.7239, 0.6056,
0.3130

■ 21.4768, 0.6139,
0.3156

Harmonies

Analogous

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



60.9708, 0.3281, 0.2919



60.9708, 0.3595, 0.3157



60.9708, 0.3781, 0.3436

Triad

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



60.9708, 0.3595, 0.3157



60.9708, 0.3289, 0.3881



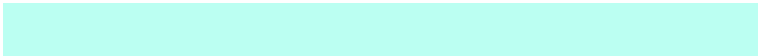
60.9708, 0.2512, 0.2848

Complementary

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



60.9708, 0.3595, 0.3157



88.4956, 0.2801, 0.3429

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.



60.9708, 0.2515, 0.3087



60.9708, 0.3595, 0.3157



60.9708, 0.2951, 0.3709

Square

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



60.9708, 0.3595, 0.3157



60.9708, 0.3594, 0.3867



60.9708, 0.2672, 0.3407



60.9708, 0.2662, 0.2739

Rectangle

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



60.9708, 0.3595, 0.3157



60.9708, 0.3801, 0.3615



60.9708, 0.2672, 0.3407



60.9708, 0.2496, 0.2914

Sweetspot

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



60.9736, 0.3595, 0.3157



86.6495, 0.3241, 0.3252



61.5369, 0.3055, 0.2603



18.0436, 0.3264, 0.3245



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.



60.9736, 0.3595, 0.3157



54.9724, 0.3725, 0.3129



69.6706, 0.3650, 0.3502



18.0436, 0.3264, 0.3245



11.2388, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Inverse Universe

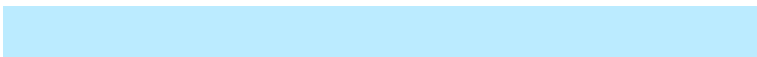
The Inverse Universe completely reimagines the original color for something new.



60.9736, 0.3595, 0.3157



54.9724, 0.3725, 0.3129



76.9736, 0.2715, 0.3067



18.0436, 0.3264, 0.3245



11.2388, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 60.9708, 0.3595, 0.3157 looks on a white background.

Color Contrast Check

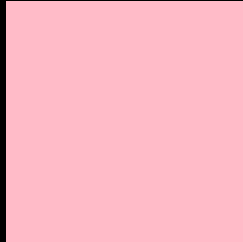
Large Text (above 18pt) WCAG AA × Fail

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 60.9708, 0.3595, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

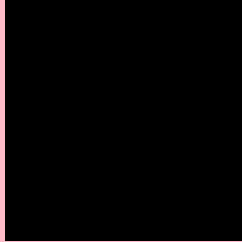
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9708, 0.3595, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 60.9708, 0.3595, 0.3157.

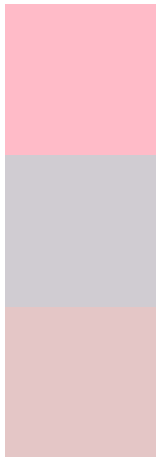


This preview shows how white text looks on a background with the Yxy color 60.9708, 0.3595, 0.3157.

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

60.9708, 0.3595, 0.3157

Protanopia

61.2488, 0.3115, 0.3221

Deuteranopia

60.9594, 0.3368, 0.3291



Tritanopia

61.0177, 0.3586, 0.3146

Trichromacy



Original Color

60.9708, 0.3595, 0.3157

Protanomaly

60.8519, 0.3282, 0.3201

Deuteranomaly

60.8842, 0.3448, 0.3237

Tritanomaly

61.0177, 0.3586, 0.3146

Monochromacy



Original Color

60.9708, 0.3595, 0.3157

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.3983, 0.3286, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9708, 0.3595, 0.3157 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.9708, 0.3595, 0.3157 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, 200) }
```

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

```
.border{ border-color:rgb(255, 187, 200) }
```

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, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9708, 0.3595, 0.3157 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
187, 200) }
```

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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