

Converting Colors

$Y_{xy}(58.1020, 0.3684, 0.3185)$

Have a look what the booklet for
Yxy(58.1020, 0.3684, 0.3185)
contains.

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Color

Yxy(58.0693, 0.3687, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5BF
RGB	255, 181, 191
RGB Percent	100%, 71%, 75%
CMY	0.0000, 0.2903, 0.2510
CMYK	0.00, 0.29, 0.25, 0.00
HSL	352°, 100%, 85%
HSV	352°, 29%, 100%
XYZ	67.1796, 58.0693, 56.9578
YIQ	204.2660, 40.8940, 18.7980

Conversions

Conversions Part 2

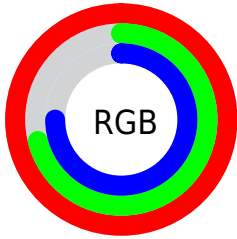
Format	Color
RYB	255, 181, 191
Decimal	16758207
CIELab	80.78, 28.24, 5.71
CIElCh	81, 28.813, 11.427
Yxy	58.0693, 0.3687, 0.3187
Android (android.graphics.Color)	4294948287 (0xFFFFB5BF)
YUV	204.2660, -6.5401, 44.4937
Hunter-Lab	76.2032, 24.0074, 9.0261

Details

The Yxy color **58.0693, 0.3687, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9337, 0.2755, 0.3398**, and the grayscale version is **60.5769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5438, 0.3185, 0.3193**, and **29.1436, 0.3829, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **47.7276, 0.3974, 0.3151**, and if you desaturate by 10%, it is **70.4437, 0.3453, 0.3224**.

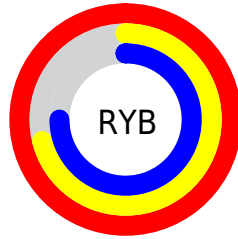
Distribution



Red (100%)

Green (71%)

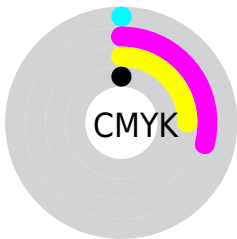
Blue (75%)



Red (100%)

Yellow (71%)

Blue (75%)

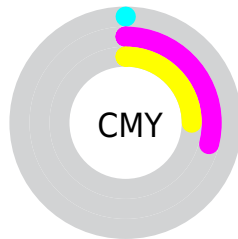


Cyan (0%)

Magenta (29%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0693, 0.3687, 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 58.0693, 0.3687, 0.3187 by changing the saturation by 10% instead.


 58.0693, 0.3687,
0.3187

 58.0693, 0.3687,
0.3187


417.4441, 0.3416,
0.3240

 41.8644, 0.3752,
0.3173

 102.0238, 0.3590,
0.3207

 28.9951, 0.3834,
0.3155


130.5421, 0.3553,
0.3214

 19.0771, 0.3941,
0.3131


163.9337, 0.3522,
0.3220

 11.7260, 0.4086,
0.3098

202.5829, 0.3495,
0.3225

 6.5574, 0.4291,
0.3047

246.8741, 0.3471,
0.3230

 3.1869, 0.4606,
0.2963


297.1918, 0.3450,

 1.2301, 0.5142,

0.3234

0.2805


353.9204, 0.3432,
0.3237

 0.0861, 0.8996,
0.1004


 0.0000, 0.0000,
0.0000


 58.0693, 0.3687,
0.3187

 58.0693, 0.3687,
0.3187

 47.7276, 0.3974,
0.3151


 70.4437, 0.3453,
0.3224

 39.3251, 0.4321,
0.3119

 84.9693, 0.3265,
0.3260

 32.7357, 0.4724,
0.3097

100.0000, 0.3127,
0.3290

 27.8253, 0.5164,
0.3092

■ 24.4411, 0.5600,
0.3110

■ 22.4025, 0.5975,
0.3154

■ 21.4454, 0.6235,
0.3215

■ 21.3784, 0.6255,
0.3219

Harmonies

Analogous

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



58.0693, 0.3354, 0.2917



58.0693, 0.3687, 0.3187



58.0693, 0.3863, 0.3493

Triad

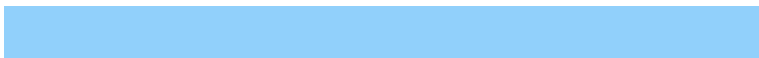
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.0693, 0.3687, 0.3187



58.0693, 0.3247, 0.3930



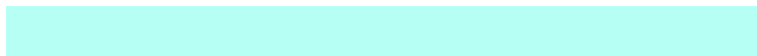
58.0693, 0.2466, 0.2774

Complementary

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



58.0693, 0.3687, 0.3187



87.9337, 0.2755, 0.3398

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.



58.0693, 0.2443, 0.3015



58.0693, 0.3687, 0.3187



58.0693, 0.2879, 0.3711

Square

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



58.0693, 0.3687, 0.3187



58.0693, 0.3596, 0.3943



58.0693, 0.2589, 0.3362



58.0693, 0.2654, 0.2681

Rectangle

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



58.0693, 0.3687, 0.3187



58.0693, 0.3863, 0.3686



58.0693, 0.2589, 0.3362



58.0693, 0.2440, 0.2839

Sweetspot

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



58.0637, 0.3687, 0.3187



85.0085, 0.3264, 0.3260



59.4769, 0.3075, 0.2546



17.7134, 0.3289, 0.3255



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.



58.0637, 0.3687, 0.3187



51.6490, 0.3851, 0.3165



69.1685, 0.3699, 0.3560



18.0271, 0.3273, 0.3258



11.1828, 0.6227, 0.3204



1.1005, 0.5971, 0.3063

Inverse Universe

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



58.0637, 0.3687, 0.3187



51.6490, 0.3851, 0.3165



73.1334, 0.2675, 0.3003



18.0271, 0.3273, 0.3258



11.1828, 0.6227, 0.3204



1.1005, 0.5971, 0.3063

Previews

White Background



This preview shows how the Yxy color 58.0693, 0.3687, 0.3187 looks on a white background.

Color Contrast Check

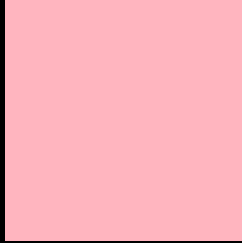
Large Text (above 18pt) WCAG AA × Fail

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 58.0693, 0.3687, 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 58.0693, 0.3687, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 58.0693, 0.3687, 0.3187.

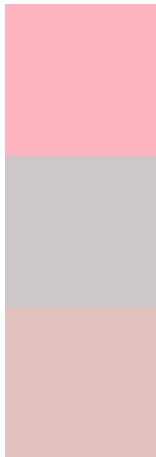


This preview shows how white text looks on a background with the Yxy color 58.0693, 0.3687, 0.3187.

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

58.0693, 0.3687, 0.3187

Protanopia

58.4102, 0.3144, 0.3267

Deuteranopia

58.2652, 0.3420, 0.3348



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.0693, 0.3687, 0.3187

Protanomaly

57.9051, 0.3334, 0.3234

Deuteranomaly

57.9458, 0.3514, 0.3280

Tritanomaly

58.1580, 0.3669, 0.3166

Monochromacy



Original Color

58.0693, 0.3687, 0.3187

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2914, 0.3322, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0693, 0.3687, 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(255, 181, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 191)  
}
```

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, 181, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 191) }
```

Border

The CSS property to change the border of an element to Yxy 58.0693, 0.3687, 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(255, 181, 191) }
```

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

```
.border{ border-color:rgb(255, 181, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0693, 0.3687, 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(255, 181, 191) }
```

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

```
.background{ background-color: rgb(255,  
181, 191) }
```

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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