

Converting Colors

$Yxy(58.3543, 0.3878, 0.3456)$

Have a look what the booklet for
Yxy(58.3543, 0.3878, 0.3456)
contains.

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Color

Yxy(58.3681, 0.3880, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A8
RGB	255, 184, 168
RGB Percent	100%, 72%, 66%
CMY	0.0000, 0.2784, 0.3411
CMYK	0.00, 0.28, 0.34, 0.00
HSL	11°, 100%, 83%
HSV	11°, 34%, 100%
XYZ	65.4532, 58.3681, 44.8726
YIQ	203.4050, 47.4520, 10.0760

Conversions

Conversions Part 2

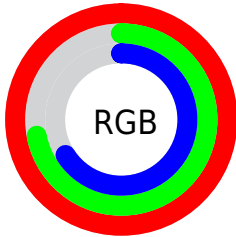
Format	Color
R _Y B	255, 188, 168
Decimal	16758952
CIE Lab	80.94, 23.68, 18.31
CIE LCh	81, 29.932, 37.710
Yxy	58.3681, 0.3880, 0.3460
Android (android.graphics.Color)	4294949032 (0xFFFFB8A8)
YUV	203.4050, -17.4547, 45.2488
Hunter-Lab	76.3990, 19.2278, 18.6556

Details

The Yxy color **58.3681, 0.3880, 0.3460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.2942, 0.2619, 0.3111**, and the grayscale version is **60.0787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9079, 0.3334, 0.3458**, and **29.3639, 0.4081, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **49.4881, 0.4205, 0.3510**, and if you desaturate by 10%, it is **68.7079, 0.3607, 0.3408**.

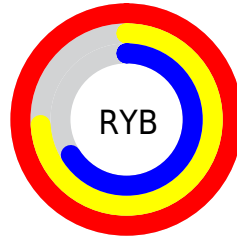
Distribution



Red (100%)

Green (72%)

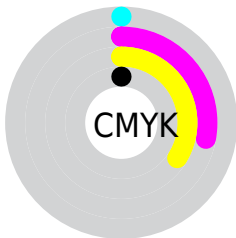
Blue (66%)



Red (100%)

Yellow (74%)

Blue (66%)

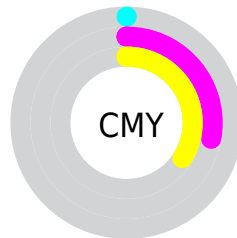


Cyan (0%)

Magenta (28%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3681, 0.3880, 0.3460 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 58.3681, 0.3880, 0.3460 by changing the saturation by 10% instead.


 58.3681, 0.3880,
0.3460

 58.3681, 0.3880,
0.3460


418.5562, 0.3514,
0.3389

 42.1047, 0.3968,
0.3474


 102.4587, 0.3750,
0.3437

 29.1832, 0.4078,
0.3489


 131.0546, 0.3700,
0.3428

 19.2195, 0.4221,
0.3505


164.5302, 0.3657,
0.3420

 11.8290, 0.4413,
0.3522

203.2698, 0.3621,
0.3412

 6.6273, 0.4682,
0.3535

247.6578, 0.3589,
0.3406

 3.2302, 0.5082,
0.3528

298.0786, 0.3561,

 1.2530, 0.6166,

0.3400

0.3718

354.9166, 0.3536,
0.3394

0.1044, 0.8664,
0.1336

0.0000, 0.0000,
0.0000

58.3681, 0.3880,
0.3460

58.3681, 0.3880,
0.3460

49.4881, 0.4205,
0.3510

68.7079, 0.3607,
0.3408

42.0002, 0.4581,
0.3551

80.5680, 0.3380,
0.3357

35.8334, 0.4996,
0.3577

94.0074, 0.3194,
0.3309

30.9095, 0.5422,
0.3577

100.0000, 0.3127,
0.3290

■ 27.1422, 0.5810,
0.3544

■ 24.4330, 0.6107,
0.3479

■ 23.2802, 0.6232,
0.3434

Harmonies

Analogous

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



58.3681, 0.3672, 0.3145



58.3681, 0.3880, 0.3460



58.3681, 0.3869, 0.3756

Triad

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



58.3681, 0.3880, 0.3460



58.3681, 0.2914, 0.3766



58.3681, 0.2604, 0.2663

Complementary

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



58.3681, 0.3880, 0.3460



77.2942, 0.2619, 0.3111

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.



58.3681, 0.2431, 0.2778



58.3681, 0.3880, 0.3460



58.3681, 0.2600, 0.3411

Square

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



58.3681, 0.3880, 0.3460



58.3681, 0.3298, 0.3969



58.3681, 0.2429, 0.3044



58.3681, 0.2921, 0.2702

Rectangle

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



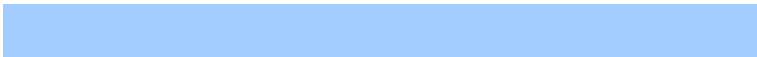
58.3681, 0.3880, 0.3460



58.3681, 0.3743, 0.3904



58.3681, 0.2429, 0.3044



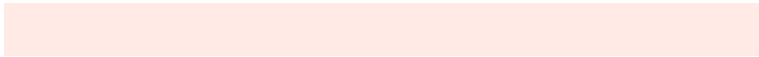
58.3681, 0.2529, 0.2683

Sweetspot

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



58.3686, 0.3880, 0.3460



85.8955, 0.3299, 0.3337



55.5088, 0.3294, 0.2581



17.9887, 0.3326, 0.3344



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.



58.3686, 0.3880, 0.3460



52.0965, 0.4098, 0.3495



79.2766, 0.3729, 0.3895



18.5266, 0.3290, 0.3334



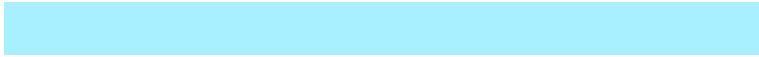
12.3185, 0.6209, 0.3452



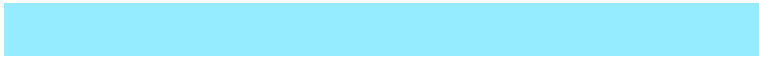
1.3376, 0.6009, 0.3611

Inverse Universe

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



77.2942, 0.2619, 0.3111



73.6202, 0.2528, 0.3069



54.8315, 0.2552, 0.2598



19.8806, 0.2980, 0.3245



27.5900, 0.2081, 0.2690



2.8269, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 58.3681, 0.3880, 0.3460 looks on a white background.

Color Contrast Check

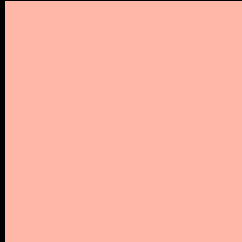
Large Text (above 18pt) WCAG AA × Fail

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 58.3681, 0.3880, 0.3460 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 58.3681, 0.3880, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 58.3681, 0.3880, 0.3460.



This preview shows how white text looks on a background with the Yxy color 58.3681, 0.3880, 0.3460.

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

58.3681, 0.3880, 0.3460

Protanopia

58.7568, 0.3393, 0.3586

Deuteranopia

58.6604, 0.3674, 0.3606



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.3681, 0.3880, 0.3460

Protanomaly

58.3782, 0.3564, 0.3542

Deuteranomaly

58.3177, 0.3747, 0.3544

Tritanomaly

58.2187, 0.3737, 0.3260

Monochromacy



Original Color

58.3681, 0.3880, 0.3460

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7272, 0.3384, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3681, 0.3880, 0.3460 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, 184, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 168)  
}
```

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, 184, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.3681, 0.3880, 0.3460 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, 184, 168) }
```

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

```
.border{ border-color:rgb(255, 184, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3681, 0.3880, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 168) }
```

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

```
.background{ background-color: rgb(255,  
184, 168) }
```

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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