

Converting Colors

$Y_{xy}(58.1365, 0.3941, 0.3534)$

Have a look what the booklet for
Yxy(58.1365, 0.3941, 0.3534)
contains.

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Color

Yxy(58.1142, 0.3941, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A1
RGB	255, 184, 161
RGB Percent	100%, 72%, 63%
CMY	0.0001, 0.2784, 0.3686
CMYK	0.00, 0.28, 0.37, 0.00
HSL	15°, 100%, 82%
HSV	15°, 37%, 100%
XYZ	64.8070, 58.1142, 41.5219
YIQ	202.6070, 49.6990, 7.8990

Conversions

Conversions Part 2

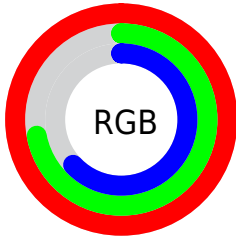
Format	Color
R _Y B	255, 191, 161
Decimal	16758945
CIE Lab	80.80, 22.83, 21.87
CIE LCh	81, 31.612, 43.767
Yxy	58.1142, 0.3941, 0.3534
Android (android.graphics.Color)	4294949025 (0xFFFFB8A1)
YUV	202.6070, -20.5123, 45.9487
Hunter-Lab	76.2327, 18.3395, 21.0692

Details

The Yxy color **58.1142, 0.3941, 0.3534** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.4889, 0.2573, 0.3028**, and the grayscale version is **59.5708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5380, 0.3379, 0.3529**, and **29.0725, 0.4152, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **49.8441, 0.4263, 0.3598**, and if you desaturate by 10%, it is **67.6620, 0.3665, 0.3465**.

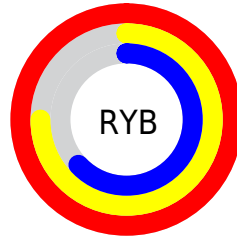
Distribution



Red (100%)

Green (72%)

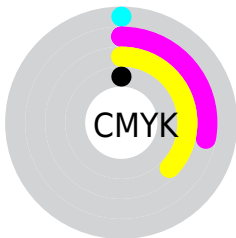
Blue (63%)



Red (100%)

Yellow (75%)

Blue (63%)

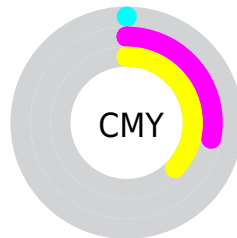


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1142, 0.3941, 0.3534 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 58.1142, 0.3941, 0.3534 by changing the saturation by 10% instead.


 58.1142, 0.3941,
0.3534


 58.1142, 0.3941,
0.3534


417.6113, 0.3545,
0.3430

 41.9005, 0.4036,
0.3555


 102.0891, 0.3800,
0.3500

 29.0234, 0.4154,
0.3578


 130.6191, 0.3746,
0.3486

 19.0985, 0.4308,
0.3605


164.0233, 0.3701,
0.3474

 11.7415, 0.4513,
0.3634

202.6862, 0.3661,
0.3463

 6.5679, 0.4797,
0.3659

246.9920, 0.3627,
0.3454

 3.1934, 0.5213,
0.3664

297.3252, 0.3596,

 1.2335, 0.6201,

0.3445

0.3799

354.0702, 0.3569,
0.3437

0.0888, 0.8784,
0.1216

0.0000, 0.0000,
0.0000

58.1142, 0.3941,
0.3534

58.1142, 0.3941,
0.3534

49.8441, 0.4263,
0.3598

67.6620, 0.3665,
0.3465

42.7884, 0.4629,
0.3651

78.5306, 0.3434,
0.3397

36.8909, 0.5025,
0.3682

90.7713, 0.3240,
0.3332

32.0872, 0.5421,
0.3679

99.9953, 0.3127,
0.3290

■ 28.3064, 0.5777,
0.3636

■ 25.4673, 0.6049,
0.3552

■ 24.7484, 0.6119,
0.3524

Harmonies

Analogous

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



58.1142, 0.3764, 0.3201



58.1142, 0.3941, 0.3534



58.1142, 0.3880, 0.3834

Triad

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



58.1142, 0.3941, 0.3534



58.1142, 0.2825, 0.3728



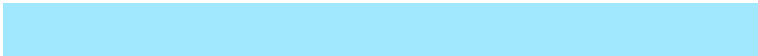
58.1142, 0.2632, 0.2625

Complementary

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



58.1142, 0.3941, 0.3534



72.4889, 0.2573, 0.3028

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.



58.1142, 0.2416, 0.2711



58.1142, 0.3941, 0.3534



58.1142, 0.2520, 0.3335

Square

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



58.1142, 0.3941, 0.3534



58.1142, 0.3223, 0.3985



58.1142, 0.2377, 0.2960



58.1142, 0.2988, 0.2697

Rectangle

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



58.1142, 0.3941, 0.3534



58.1142, 0.3720, 0.3973



58.1142, 0.2377, 0.2960



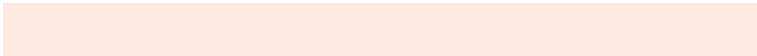
58.1142, 0.2542, 0.2635

Sweetspot

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



58.1170, 0.3941, 0.3534



85.5459, 0.3316, 0.3359



52.6332, 0.3351, 0.2568



17.9544, 0.3342, 0.3367



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.



58.1170, 0.3941, 0.3534



52.0901, 0.4167, 0.3581



80.3760, 0.3768, 0.3988



18.7094, 0.3288, 0.3349



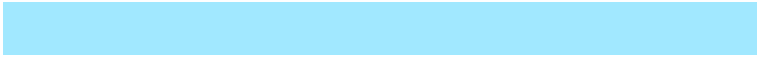
13.1286, 0.6092, 0.3545



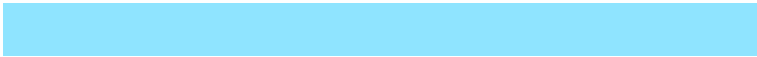
1.4408, 0.5876, 0.3717

Inverse Universe

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



72.4889, 0.2573, 0.3028



68.2672, 0.2476, 0.2968



49.9412, 0.2493, 0.2474



19.6835, 0.2980, 0.3230



23.8454, 0.2021, 0.2476



2.4926, 0.2050, 0.2579

Previews

White Background



This preview shows how the Yxy color 58.1142, 0.3941, 0.3534 looks on a white background.

Color Contrast Check

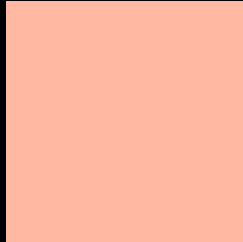
Large Text (above 18pt) WCAG AA × Fail

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 58.1142, 0.3941, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

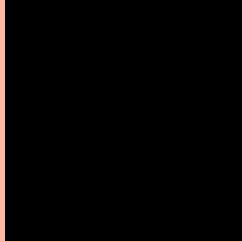
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1142, 0.3941, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 58.1142, 0.3941, 0.3534.



This preview shows how white text looks on a background with the Yxy color 58.1142, 0.3941, 0.3534.

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

58.1142, 0.3941, 0.3534

Protanopia

58.1702, 0.3457, 0.3658

Deuteranopia

58.3053, 0.3752, 0.3671



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.1142, 0.3941, 0.3534

Protanomaly

57.8307, 0.3632, 0.3611

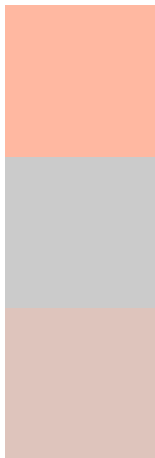
Deuteranomaly

58.2422, 0.3815, 0.3620

Tritanomaly

58.0933, 0.3763, 0.3292

Monochromacy



Original Color

58.1142, 0.3941, 0.3534

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.6403, 0.3400, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1142, 0.3941, 0.3534 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 161) }
```

Border

The CSS property to change the border of an element to Yxy 58.1142, 0.3941, 0.3534 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, 161) }
```

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

```
.border{ border-color:rgb(255, 184, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1142, 0.3941, 0.3534 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
184, 161) }
```

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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