

Converting Colors

$Yxy(67.3511, 0.4112, 0.3497)$

Have a look what the booklet for
Yxy(67.3511, 0.4112, 0.3497)
contains.

Yxy(60.9141, 0.3858, 0.3523)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.9141, 0.3858, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEA8
RGB	255, 190, 168
RGB Percent	100%, 75%, 66%
CMY	0.0002, 0.2548, 0.3412
CMYK	0.00, 0.25, 0.34, 0.00
HSL	15°, 100%, 83%
HSV	15°, 34%, 100%
XYZ	66.7064, 60.9141, 45.2836
YIQ	206.9270, 45.8020, 6.9380

Conversions

Conversions Part 2

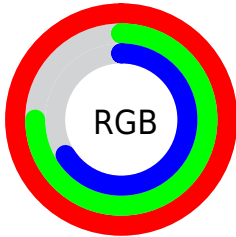
Format	Color
R _Y B	255, 197, 168
Decimal	16760488
CIE Lab	82.33, 20.49, 20.25
CIE LCh	82, 28.809, 44.664
Yxy	60.9141, 0.3858, 0.3523
Android (android.graphics.Color)	4294950568 (0xFFFFBEA8)
YUV	206.9270, -19.1910, 42.1600
Hunter-Lab	78.0475, 15.9790, 20.2329

Details

The Yxy color **60.9141, 0.3858, 0.3523** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.7679, 0.2610, 0.3042**, and the grayscale version is **62.4512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1092, 0.3325, 0.3526**, and **30.7396, 0.4052, 0.3561** is the 20% darker color. If you saturate the color by 10%, you get **52.3426, 0.4165, 0.3592**, and if you desaturate by 10%, it is **70.7544, 0.3596, 0.3452**.

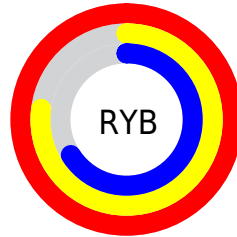
Distribution



Red (100%)

Green (75%)

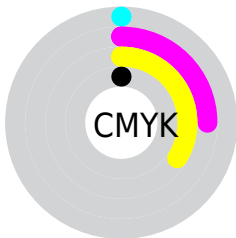
Blue (66%)



Red (100%)

Yellow (77%)

Blue (66%)

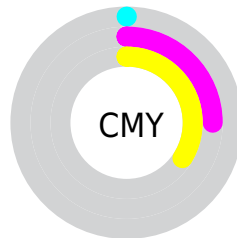


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9141, 0.3858, 0.3523 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 60.9141, 0.3858, 0.3523 by changing the saturation by 10% instead.


 60.9141, 0.3858,
0.3523

 60.9141, 0.3858,
0.3523


427.9590, 0.3506,
0.3423

 44.1558, 0.3942,
0.3544


 106.1546, 0.3733,
0.3490

 30.7930, 0.4046,
0.3568


 135.4055, 0.3685,
0.3477

 20.4413, 0.4181,
0.3595

169.5896, 0.3644,
0.3465

 12.7162, 0.4361,
0.3627

209.0910, 0.3609,
0.3454

 7.2334, 0.4610,
0.3661

254.2943, 0.3578,
0.3445

 3.6085, 0.4975,
0.3686

305.5838, 0.3551,

 1.4571, 0.5908,

0.3437

0.3903

363.3439, 0.3527,
0.3429

0.2582, 0.7428,
0.2572

0.0000, 0.0000,
0.0000

60.9141, 0.3858,
0.3523

60.9141, 0.3858,
0.3523

52.3426, 0.4165,
0.3592

70.7544, 0.3596,
0.3452

44.9790, 0.4517,
0.3651

81.9040, 0.3377,
0.3382

38.7700, 0.4903,
0.3690

94.4124, 0.3193,
0.3316

33.6547, 0.5299,
0.3699

99.9900, 0.3127,
0.3290

■ 29.5665, 0.5668,
0.3668

■ 26.4299, 0.5966,
0.3593

■ 24.9862, 0.6101,
0.3538

Harmonies

Analogous

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



60.9141, 0.3706, 0.3221



60.9141, 0.3858, 0.3523



60.9141, 0.3799, 0.3789

Triad

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



60.9141, 0.3858, 0.3523



60.9141, 0.2847, 0.3671



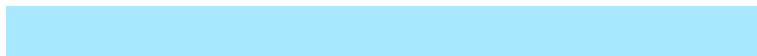
60.9141, 0.2690, 0.2689

Complementary

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



60.9141, 0.3858, 0.3523



73.7679, 0.2610, 0.3042

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.



60.9141, 0.2489, 0.2765



60.9141, 0.3858, 0.3523



60.9141, 0.2574, 0.3322

Square

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



60.9141, 0.3858, 0.3523



60.9141, 0.3205, 0.3906



60.9141, 0.2448, 0.2988



60.9141, 0.3015, 0.2757

Rectangle

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



60.9141, 0.3858, 0.3523



60.9141, 0.3653, 0.3908



60.9141, 0.2448, 0.2988



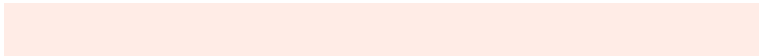
60.9141, 0.2606, 0.2697

Sweetspot

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



60.9170, 0.3858, 0.3523



86.9144, 0.3297, 0.3354



55.1480, 0.3342, 0.2635



18.2335, 0.3324, 0.3364



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.



60.9170, 0.3858, 0.3523



54.8996, 0.4065, 0.3571



82.4732, 0.3710, 0.3949



18.7350, 0.3288, 0.3351



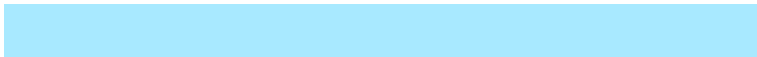
13.2613, 0.6073, 0.3560



1.4569, 0.5856, 0.3732

Inverse Universe

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



73.7679, 0.2610, 0.3042



69.5112, 0.2514, 0.2983



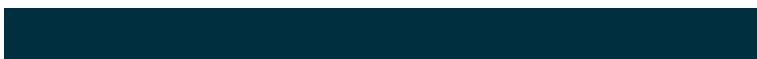
52.2516, 0.2542, 0.2528



19.6560, 0.2980, 0.3228



23.3519, 0.2013, 0.2445



2.4481, 0.2043, 0.2553

Previews

White Background



This preview shows how the Yxy color 60.9141, 0.3858, 0.3523 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 60.9141, 0.3858, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

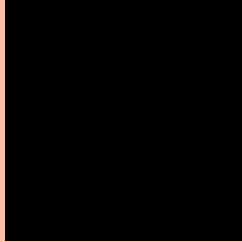
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9141, 0.3858, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 60.9141, 0.3858, 0.3523.



This preview shows how white text looks on a background with the Yxy color 60.9141, 0.3858, 0.3523.

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

60.9141, 0.3858, 0.3523

Protanopia

61.3567, 0.3434, 0.3639

Deuteranopia

60.8997, 0.3699, 0.3622



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

60.9141, 0.3858, 0.3523

Protanomaly

61.1101, 0.3584, 0.3606

Deuteranomaly

60.6067, 0.3760, 0.3584

Tritanomaly

60.8573, 0.3694, 0.3292

Monochromacy



Original Color

60.9141, 0.3858, 0.3523

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.4708, 0.3369, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9141, 0.3858, 0.3523 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, 190, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 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, 190, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 168) }
```

Border

The CSS property to change the border of an element to Yxy 60.9141, 0.3858, 0.3523 is called "border". The border property can be set on classes, ids or directly on the HTML element.

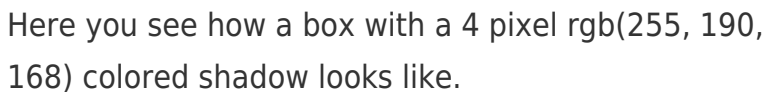
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 190, 168) }
```

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

```
.border{ border-color:rgb(255, 190, 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, 190, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 190, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 190, 168); box-shadow:4px 4px 4px 4px rgb(255, 190, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9141, 0.3858, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 168) }
```

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

```
.background{ background-color: rgb(255,  
190, 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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