

Converting Colors

$Yxy(61.1299, 0.3828, 0.3488)$

Have a look what the booklet for
Yxy(61.1299, 0.3828, 0.3488)
contains.

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Color

Yxy(61.0272, 0.3833, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEAB
RGB	255, 190, 171
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2549, 0.3294
CMYK	0.00, 0.25, 0.33, 0.00
HSL	14°, 100%, 84%
HSV	14°, 33%, 100%
XYZ	67.0058, 61.0272, 46.7799
YIQ	207.2690, 44.8390, 7.8710

Conversions

Conversions Part 2

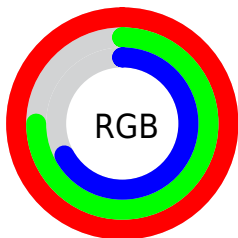
Format	Color
R _Y B	255, 196, 171
Decimal	16760491
CIE Lab	82.39, 20.89, 18.73
CIE LCh	82, 28.058, 41.876
Yxy	61.0272, 0.3833, 0.3491
Android (android.graphics.Color)	4294950571 (0xFFFFBEAB)
YUV	207.2690, -17.8806, 41.8601
Hunter-Lab	78.1199, 16.3950, 19.1798

Details

The Yxy color **61.0272, 0.3833, 0.3491** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.8730, 0.2630, 0.3077**, and the grayscale version is **62.6766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2725, 0.3307, 0.3496**, and **30.8105, 0.4017, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **52.1713, 0.4141, 0.3553**, and if you desaturate by 10%, it is **71.2323, 0.3572, 0.3427**.

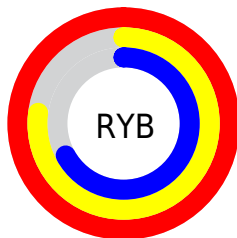
Distribution



Red (100%)

Green (75%)

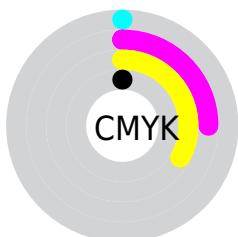
Blue (67%)



Red (100%)

Yellow (77%)

Blue (67%)

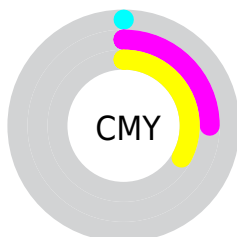


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0272, 0.3833, 0.3491 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 61.0272, 0.3833, 0.3491 by changing the saturation by 10% instead.


 61.0272, 0.3833,
0.3491

 61.0272, 0.3833,
0.3491


428.3737, 0.3493,
0.3405

 44.2471, 0.3914,
0.3508


 106.3183, 0.3712,
0.3463

 30.8648, 0.4015,
0.3529


135.5981, 0.3666,
0.3451

 20.4959, 0.4146,
0.3552


169.8133, 0.3627,
0.3441

 12.7561, 0.4320,
0.3578

209.3483, 0.3593,
0.3432

 7.2608, 0.4563,
0.3606

254.5874, 0.3563,
0.3424

 3.6257, 0.4921,
0.3624

305.9151, 0.3537,

 1.4665, 0.5753,

0.3417

0.3772

363.7158, 0.3513,
0.3411

0.2650, 0.7420,
0.2580

0.0000, 0.0000,
0.0000

61.0272, 0.3833,
0.3491

61.0272, 0.3833,
0.3491

52.1713, 0.4141,
0.3553

71.2323, 0.3572,
0.3427

44.6010, 0.4498,
0.3606

82.8337, 0.3355,
0.3365

38.2575, 0.4892,
0.3643

95.8842, 0.3174,
0.3306

33.0743, 0.5301,
0.3652

100.0000, 0.3127,
0.3290

■ 28.9784, 0.5684,
0.3624

■ 25.8876, 0.5995,
0.3556

■ 24.2528, 0.6156,
0.3494

Harmonies

Analogous

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



61.0272, 0.3667, 0.3196



61.0272, 0.3833, 0.3491



61.0272, 0.3795, 0.3756

Triad

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



61.0272, 0.3833, 0.3491



61.0272, 0.2885, 0.3688



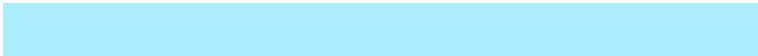
61.0272, 0.2677, 0.2704

Complementary

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



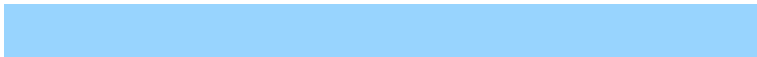
61.0272, 0.3833, 0.3491



75.8730, 0.2630, 0.3077

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.



61.0272, 0.2494, 0.2793



61.0272, 0.3833, 0.3491



61.0272, 0.2608, 0.3354

Square

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



61.0272, 0.3833, 0.3491



61.0272, 0.3237, 0.3900



61.0272, 0.2470, 0.3023



61.0272, 0.2985, 0.2759

Rectangle

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



61.0272, 0.3833, 0.3491



61.0272, 0.3664, 0.3880



61.0272, 0.2470, 0.3023



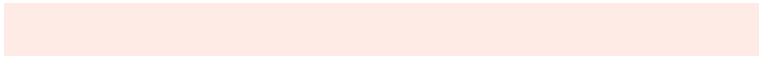
61.0272, 0.2600, 0.2718

Sweetspot

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



61.0293, 0.3833, 0.3491



86.5147, 0.3298, 0.3347



56.4923, 0.3310, 0.2631



18.1374, 0.3325, 0.3356



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.



61.0293, 0.3833, 0.3491



54.6370, 0.4046, 0.3535



81.4660, 0.3697, 0.3900



18.6533, 0.3289, 0.3344



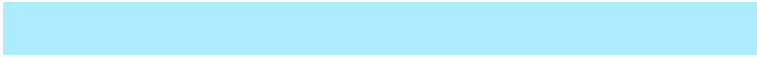
12.8549, 0.6130, 0.3515



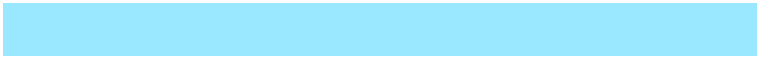
1.4070, 0.5918, 0.3683

Inverse Universe

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



75.8730, 0.2630, 0.3077



71.6676, 0.2533, 0.3024



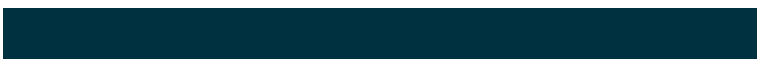
54.8227, 0.2569, 0.2592



19.7436, 0.2980, 0.3235



24.9520, 0.2039, 0.2542



2.5919, 0.2066, 0.2637

Previews

White Background



This preview shows how the Yxy color 61.0272, 0.3833, 0.3491 looks on a white background.

Color Contrast Check

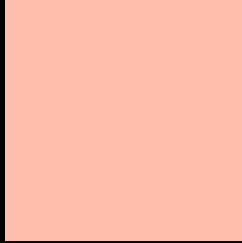
Large Text (above 18pt) WCAG AA × Fail

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 61.0272, 0.3833, 0.3491 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 61.0272, 0.3833, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 61.0272, 0.3833, 0.3491.



This preview shows how white text looks on a background with the Yxy color 61.0272, 0.3833, 0.3491.

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

61.0272, 0.3833, 0.3491

Protanopia

61.3241, 0.3403, 0.3605

Deuteranopia

61.0119, 0.3675, 0.3589



Tritanopia

60.9708, 0.3595, 0.3157

Trichromacy



Original Color

61.0272, 0.3833, 0.3491

Protanomaly

61.2267, 0.3560, 0.3572

Deuteranomaly

60.7189, 0.3735, 0.3552

Tritanomaly

60.9006, 0.3686, 0.3281

Monochromacy



Original Color

61.0272, 0.3833, 0.3491

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5156, 0.3361, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0272, 0.3833, 0.3491 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, 171)` looks like.

```
.text, #text, p{  
  color:rgb(255, 190, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.0272, 0.3833, 0.3491 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, 171) }
```

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

```
.border{ border-color:rgb(255, 190, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0272, 0.3833, 0.3491 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, 171) }
```

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

```
.background{ background-color: rgb(255,  
190, 171) }
```

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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