

Converting Colors

$Yxy(62.8221, 0.3811, 0.3522)$

Have a look what the booklet for
Yxy(62.8221, 0.3811, 0.3522)
contains.

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Color

Yxy(62.8221, 0.3811, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2AC
RGB	255, 194, 172
RGB Percent	100%, 76%, 67%
CMY	0.0000, 0.2392, 0.3255
CMYK	0.00, 0.24, 0.33, 0.00
HSL	16°, 100%, 84%
HSV	16°, 33%, 100%
XYZ	67.9770, 62.8221, 47.5714
YIQ	209.7310, 43.4180, 6.0900

Conversions

Conversions Part 2

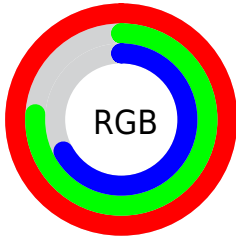
Format	Color
R _Y B	255, 202, 172
Decimal	16761516
CIE Lab	83.35, 18.91, 19.53
CIE LCh	83, 27.188, 45.919
Yxy	62.8221, 0.3811, 0.3522
Android (android.graphics.Color)	4294951596 (0xFFFFC2AC)
YUV	209.7310, -18.6014, 39.7009
Hunter-Lab	79.2604, 14.3833, 19.8969

Details

The Yxy color **62.8221, 0.3811, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2610, 0.2631, 0.3043**, and the grayscale version is **64.3677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8004, 0.3296, 0.3524**, and **31.9825, 0.3985, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **54.1156, 0.4108, 0.3595**, and if you desaturate by 10%, it is **72.7742, 0.3558, 0.3448**.

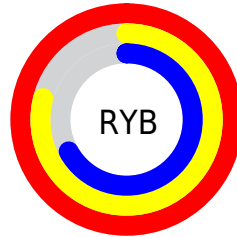
Distribution



Red (100%)

Green (76%)

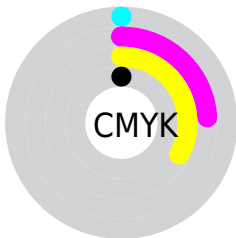
Blue (67%)



Red (100%)

Yellow (79%)

Blue (67%)

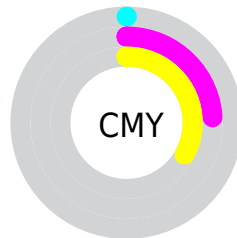


Cyan (0%)

Magenta (24%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8221, 0.3811, 0.3522 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 62.8221, 0.3811, 0.3522 by changing the saturation by 10% instead.


 62.8221, 0.3811,
0.3522

 62.8221, 0.3811,
0.3522

434.9236, 0.3483,
0.3421

 45.6973, 0.3888,
0.3543


 108.9128, 0.3695,
0.3489

 32.0070, 0.3985,
0.3568


138.6475, 0.3651,
0.3475

 21.3669, 0.4110,
0.3597


173.3543, 0.3613,
0.3463

 13.3924, 0.4275,
0.3631

213.4176, 0.3580,
0.3453

 7.6993, 0.4503,
0.3669

259.2218, 0.3551,
0.3444

 3.9032, 0.4837,
0.3706

311.1512, 0.3526,

 1.6195, 0.5565,

0.3435

0.3855

369.5904, 0.3503,
0.3428

0.3707, 0.6871,
0.3129

0.0000, 0.0000,
0.0000

62.8221, 0.3811,
0.3522

62.8221, 0.3811,
0.3522

54.1156, 0.4108,
0.3595

72.7742, 0.3558,
0.3448

46.5960, 0.4449,
0.3659

84.0098, 0.3345,
0.3375

40.2129, 0.4826,
0.3705

96.5764, 0.3168,
0.3307

34.9089, 0.5218,
0.3721

99.9994, 0.3127,
0.3290

■ 30.6208, 0.5590,
0.3698

■ 27.2781, 0.5899,
0.3629

■ 25.3478, 0.6075,
0.3558

Harmonies

Analogous

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



62.8221, 0.3677, 0.3238



62.8221, 0.3811, 0.3522



62.8221, 0.3749, 0.3767

Triad

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



62.8221, 0.3811, 0.3522



62.8221, 0.2853, 0.3632



62.8221, 0.2729, 0.2726

Complementary

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



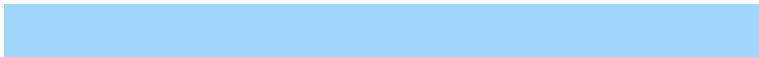
62.8221, 0.3811, 0.3522



74.2610, 0.2631, 0.3043

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.



62.8221, 0.2534, 0.2793



62.8221, 0.3811, 0.3522



62.8221, 0.2602, 0.3307

Square

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



62.8221, 0.3811, 0.3522



62.8221, 0.3187, 0.3857



62.8221, 0.2489, 0.2998



62.8221, 0.3037, 0.2795

Rectangle

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



62.8221, 0.3811, 0.3522



62.8221, 0.3609, 0.3873



62.8221, 0.2489, 0.2998



62.8221, 0.2649, 0.2733

Sweetspot

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



62.8251, 0.3811, 0.3522



87.0870, 0.3297, 0.3357



56.7187, 0.3330, 0.2665



18.2750, 0.3323, 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.



62.8251, 0.3811, 0.3522



57.0691, 0.3998, 0.3569



83.2244, 0.3681, 0.3919



18.7703, 0.3288, 0.3354



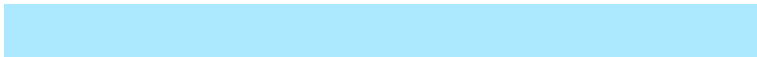
13.4517, 0.6047, 0.3580



1.4796, 0.5828, 0.3754

Inverse Universe

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



74.2610, 0.2631, 0.3043



70.0760, 0.2539, 0.2986



54.0190, 0.2572, 0.2569



19.6184, 0.2980, 0.3225



22.6854, 0.2001, 0.2403



2.3880, 0.2032, 0.2517

Previews

White Background



This preview shows how the Yxy color 62.8221, 0.3811, 0.3522 looks on a white background.

Color Contrast Check

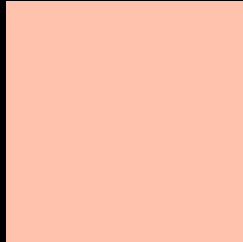
Large Text (above 18pt) WCAG AA × Fail

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 62.8221, 0.3811, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

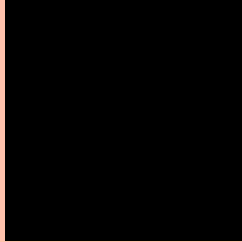
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8221, 0.3811, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 62.8221, 0.3811, 0.3522.



This preview shows how white text looks on a background with the Yxy color 62.8221, 0.3811, 0.3522.

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

62.8221, 0.3811, 0.3522

Protanopia

62.7857, 0.3416, 0.3613

Deuteranopia

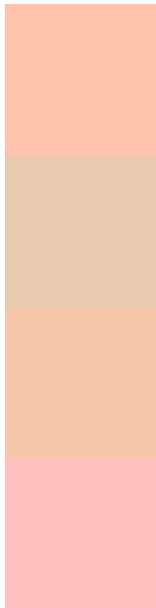
62.9496, 0.3683, 0.3607



Tritanopia

62.8812, 0.3553, 0.3157

Trichromacy



Original Color

62.8221, 0.3811, 0.3522

Protanomaly

62.3646, 0.3556, 0.3582

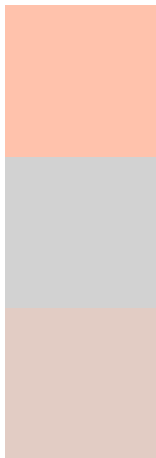
Deuteranomaly

62.9213, 0.3731, 0.3581

Tritanomaly

62.7650, 0.3650, 0.3292

Monochromacy



Original Color

62.8221, 0.3811, 0.3522

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.3400, 0.3358, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8221, 0.3811, 0.3522 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, 194, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 172)  
}
```

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, 194, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 172) }
```

Border

The CSS property to change the border of an element to Yxy 62.8221, 0.3811, 0.3522 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, 194, 172) }
```

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

```
.border{ border-color:rgb(255, 194, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8221, 0.3811, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 172) }
```

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

```
.background{ background-color: rgb(255,  
194, 172) }
```

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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