

Converting Colors

$Yxy(95.6622, 0.4548, 0.3456)$

Have a look what the booklet for
Yxy(95.6622, 0.4548, 0.3456)
contains.

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Color

Yxy(67.2672, 0.3718, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBB4
RGB	255, 203, 180
RGB Percent	100%, 80%, 71%
CMY	0.0000, 0.2040, 0.2940
CMYK	0.00, 0.20, 0.29, 0.00
HSL	18°, 100%, 85%
HSV	18°, 29%, 100%
XYZ	70.8497, 67.2672, 52.4417
YIQ	215.9260, 38.3750, 3.8710

Conversions

Conversions Part 2

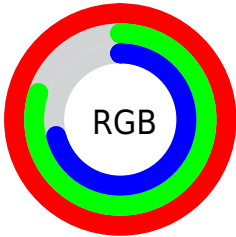
Format	Color
R _Y B	255, 213, 180
Decimal	16763828
CIE Lab	85.64, 15.26, 18.47
CIE LCh	86, 23.953, 50.441
Yxy	67.2672, 0.3718, 0.3530
Android (android.graphics.Color)	4294953908 (0xFFFFCBB4)
YUV	215.9260, -17.7115, 34.2679
Hunter-Lab	82.0166, 10.6675, 19.5013

Details

The Yxy color **67.2672, 0.3718, 0.3530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.6618, 0.2673, 0.3036**, and the grayscale version is **68.7140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **34.8975, 0.3863, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **58.4314, 0.3992, 0.3615**, and if you desaturate by 10%, it is **77.2348, 0.3483, 0.3445**.

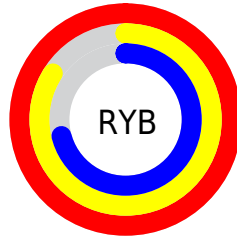
Distribution



Red (100%)

Green (80%)

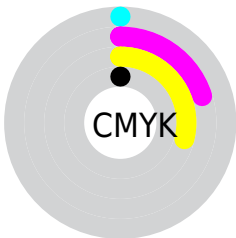
Blue (71%)



Red (100%)

Yellow (84%)

Blue (71%)

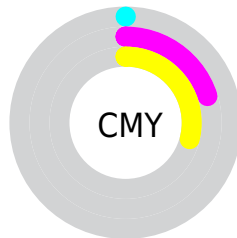


Cyan (0%)

Magenta (20%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2672, 0.3718, 0.3530 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 67.2672, 0.3718, 0.3530 by changing the saturation by 10% instead.


 67.2672, 0.3718,
0.3530

 67.2672, 0.3718,
0.3530


450.8953, 0.3438,
0.3424

 49.3018, 0.3783,
0.3553


 115.3032, 0.3620,
0.3494

 34.8589, 0.3864,
0.3580


146.1426, 0.3582,
0.3480

 23.5542, 0.3968,
0.3612


182.0421, 0.3550,
0.3468

 15.0033, 0.4104,
0.3652

223.3861, 0.3521,
0.3457

 8.8217, 0.4292,
0.3701

270.5591, 0.3497,
0.3447

 4.6251, 0.4564,
0.3759

323.9453, 0.3475,

 2.0290, 0.5026,

0.3439

0.3847

383.9292, 0.3456,
0.3431

0.6242, 0.6089,
0.3911

0.0000, 0.0000,
0.0000

67.2672, 0.3718,
0.3530

67.2672, 0.3718,
0.3530

58.4314, 0.3992,
0.3615

77.2348, 0.3483,
0.3445

50.7043, 0.4307,
0.3693

88.3935, 0.3285,
0.3363

44.0343, 0.4658,
0.3756

100.0000, 0.3127,
0.3290

38.3728, 0.5029,
0.3792

■ 33.6671, 0.5394,
0.3787

■ 29.8588, 0.5716,
0.3735

■ 26.8766, 0.5966,
0.3640

■ 26.7216, 0.5980,
0.3634

Harmonies

Analogous

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



67.2672, 0.3627, 0.3285



67.2672, 0.3718, 0.3530



67.2672, 0.3642, 0.3729

Triad

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



67.2672, 0.3718, 0.3530



67.2672, 0.2853, 0.3545



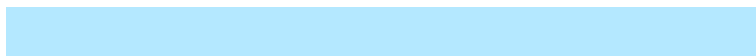
67.2672, 0.2819, 0.2802

Complementary

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



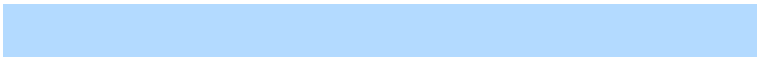
67.2672, 0.3718, 0.3530



74.6618, 0.2673, 0.3036

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.



67.2672, 0.2630, 0.2844



67.2672, 0.3718, 0.3530



67.2672, 0.2649, 0.3264

Square

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



67.2672, 0.3718, 0.3530



67.2672, 0.3136, 0.3754



67.2672, 0.2570, 0.3007



67.2672, 0.3096, 0.2878

Rectangle

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



67.2672, 0.3718, 0.3530



67.2672, 0.3509, 0.3804



67.2672, 0.2570, 0.3007



67.2672, 0.2743, 0.2802

Sweetspot

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



67.2608, 0.3718, 0.3530



88.8678, 0.3278, 0.3359



59.7673, 0.3336, 0.2762



18.6562, 0.3304, 0.3371



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.



67.2608, 0.3718, 0.3530



62.1800, 0.3866, 0.3578



86.8793, 0.3612, 0.3892



18.8941, 0.3287, 0.3363



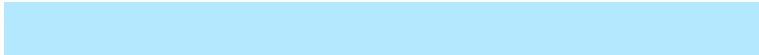
14.1925, 0.5950, 0.3657



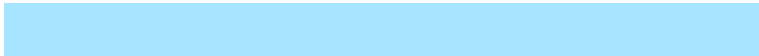
1.5653, 0.5730, 0.3833

Inverse Universe

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



74.6618, 0.2673, 0.3036



70.6046, 0.2590, 0.2979



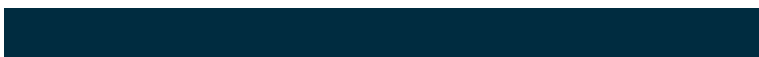
55.9651, 0.2626, 0.2605



19.4874, 0.2980, 0.3215



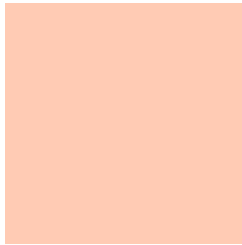
20.4609, 0.1960, 0.2256



2.1857, 0.1997, 0.2388

Previews

White Background



This preview shows how the Yxy color 67.2672, 0.3718, 0.3530 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 67.2672, 0.3718, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

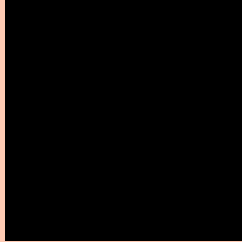
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2672, 0.3718, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 67.2672, 0.3718, 0.3530.



This preview shows how white text looks on a background with the Yxy color 67.2672, 0.3718, 0.3530.

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

67.2672, 0.3718, 0.3530

Protanopia

67.6035, 0.3414, 0.3614

Deuteranopia

67.1714, 0.3652, 0.3578



Tritanopia

67.4236, 0.3456, 0.3148

Trichromacy



Original Color

67.2672, 0.3718, 0.3530

Protanomaly

67.3450, 0.3524, 0.3585

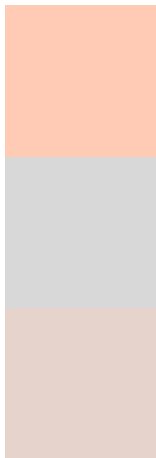
Deuteranomaly

67.2413, 0.3679, 0.3565

Tritanomaly

67.2976, 0.3549, 0.3281

Monochromacy



Original Color

67.2672, 0.3718, 0.3530

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.7233, 0.3327, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2672, 0.3718, 0.3530 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, 203, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 180)  
}
```

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, 203, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 180) }
```

Border

The CSS property to change the border of an element to Yxy 67.2672, 0.3718, 0.3530 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, 203, 180) }
```

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

```
.border{ border-color:rgb(255, 203, 180) }
```

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

Here you see how a box with a 4 pixel rgb(255, 203, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
180) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 67.2672, 0.3718, 0.3530$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 180) }
```

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

```
.background{ background-color: rgb(255,  
203, 180) }
```

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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