

Converting Colors

$Y_{xy}(75.3852, 0.3581, 0.3514)$

Have a look what the booklet for
Yxy(75.3852, 0.3581, 0.3514)
contains.

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Color

Yxy(74.8258, 0.3567, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C3
RGB	255, 217, 195
RGB Percent	100%, 85%, 76%
CMY	0.0000, 0.1490, 0.2352
CMYK	0.00, 0.15, 0.24, 0.00
HSL	22°, 100%, 88%
HSV	22°, 24%, 100%
XYZ	75.9112, 74.8258, 62.0782
YIQ	225.8540, 29.7100, 1.2140

Conversions

Conversions Part 2

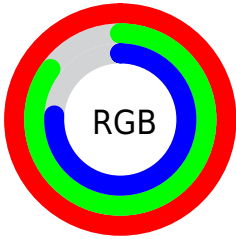
Format	Color
R _Y B	255, 230, 195
Decimal	16767427
CIE Lab	89.31, 9.97, 15.73
CIE LCh	89, 18.626, 57.626
Yxy	74.8258, 0.3567, 0.3516
Android (android.graphics.Color)	4294957507 (0xFFFFD9C3)
YUV	225.8540, -15.2110, 25.5610
Hunter-Lab	86.5019, 5.2672, 18.0018

Details

The Yxy color **74.8258, 0.3567, 0.3516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1112, 0.2759, 0.3052**, and the grayscale version is **76.0364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **39.7695, 0.3679, 0.3567** is the 20% darker color. If you saturate the color by 10%, you get **65.8429, 0.3808, 0.3618**, and if you desaturate by 10%, it is **84.8179, 0.3360, 0.3416**.

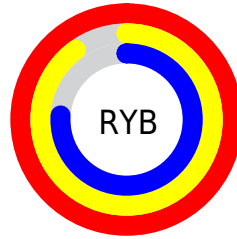
Distribution



Red (100%)

Green (85%)

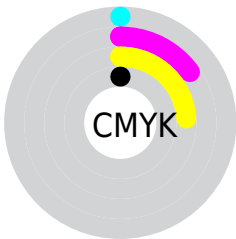
Blue (76%)



Red (100%)

Yellow (90%)

Blue (76%)

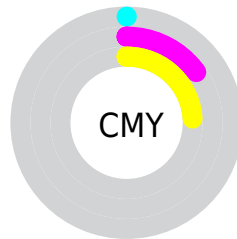


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8258, 0.3567, 0.3516 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 74.8258, 0.3567, 0.3516 by changing the saturation by 10% instead.


 74.8258, 0.3567,
0.3516

 74.8258, 0.3567,
0.3516

477.3186, 0.3363,
0.3415

 55.4702, 0.3614,
0.3538


126.0657, 0.3496,
0.3482

 39.7783, 0.3671,
0.3565


158.7189, 0.3469,
0.3468

 27.3657, 0.3744,
0.3597


196.5733, 0.3445,
0.3457

 17.8481, 0.3839,
0.3638

240.0134, 0.3424,
0.3446

 10.8410, 0.3968,
0.3692

289.4236, 0.3406,
0.3437

 5.9600, 0.4152,
0.3762

345.1883, 0.3390,

 2.8208, 0.4433,

0.3429

0.3855

407.6918, 0.3376,
0.3422

1.0389, 0.5474,
0.4430

0.0000, 1.0000,
0.0000

74.8258, 0.3567,
0.3516

74.8258, 0.3567,
0.3516

65.8429, 0.3808,
0.3618

84.8179, 0.3360,
0.3416

57.8404, 0.4085,
0.3717

95.8554, 0.3183,
0.3322

50.7817, 0.4395,
0.3806

100.0000, 0.3127,
0.3290

44.6289, 0.4730,
0.3873

■ 39.3417, 0.5073,
0.3905

■ 34.8757, 0.5398,
0.3891

■ 31.1814, 0.5675,
0.3824

■ 29.1676, 0.5823,
0.3758

Harmonies

Analogous

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



74.8258, 0.3528, 0.3335



74.8258, 0.3567, 0.3516



74.8258, 0.3483, 0.3646

Triad

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



74.8258, 0.3567, 0.3516



74.8258, 0.2877, 0.3433



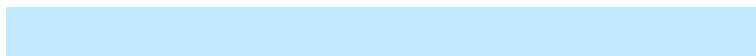
74.8258, 0.2941, 0.2925

Complementary

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



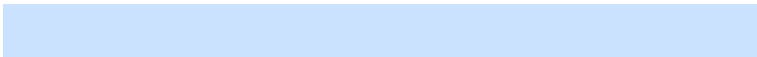
74.8258, 0.3567, 0.3516



77.1112, 0.2759, 0.3052

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.



74.8258, 0.2777, 0.2937



74.8258, 0.3567, 0.3516



74.8258, 0.2742, 0.3223

Square

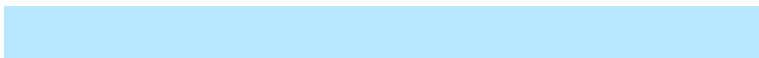
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8258, 0.3567, 0.3516



74.8258, 0.3082, 0.3605



74.8258, 0.2706, 0.3043



74.8258, 0.3160, 0.3002

Rectangle

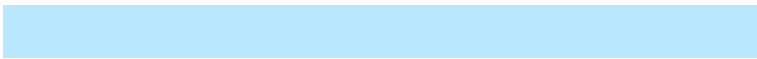
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.8258, 0.3567, 0.3516



74.8258, 0.3372, 0.3683



74.8258, 0.2706, 0.3043



74.8258, 0.2878, 0.2918

Sweetspot

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



74.8243, 0.3567, 0.3516



91.8990, 0.3241, 0.3354



66.2367, 0.3309, 0.2899



19.5259, 0.3252, 0.3360



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.



74.8243, 0.3567, 0.3516



70.6814, 0.3670, 0.3562



91.1134, 0.3503, 0.3797



19.0770, 0.3285, 0.3378



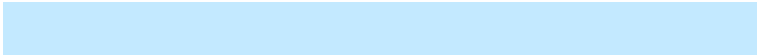
15.4999, 0.5793, 0.3782



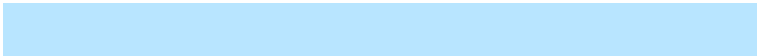
1.7089, 0.5578, 0.3953

Inverse Universe

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



77.1112, 0.2759, 0.3052



73.3081, 0.2689, 0.3001



62.0147, 0.2732, 0.2726



19.2965, 0.2980, 0.3201



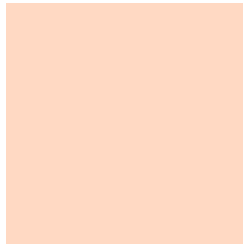
17.4873, 0.1900, 0.2040



1.9112, 0.1944, 0.2198

Previews

White Background



This preview shows how the Yxy color 74.8258, 0.3567, 0.3516 looks on a white background.

Color Contrast Check

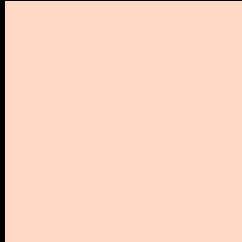
Large Text (above 18pt) WCAG AA × Fail

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 74.8258, 0.3567, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

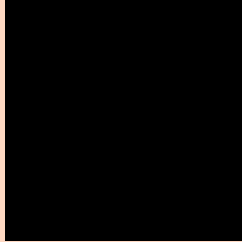
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8258, 0.3567, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 74.8258, 0.3567, 0.3516.



This preview shows how white text looks on a background with the Yxy color 74.8258, 0.3567, 0.3516.

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

74.8258, 0.3567, 0.3516

Protanopia

75.0970, 0.3374, 0.3557

Deuteranopia

74.9169, 0.3552, 0.3496



Tritanopia

74.9546, 0.3332, 0.3150

Trichromacy



Original Color

74.8258, 0.3567, 0.3516

Protanomaly

74.6674, 0.3438, 0.3533

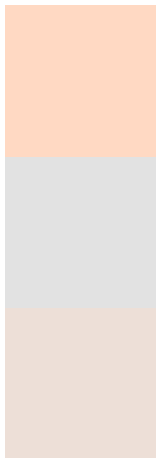
Deuteranomaly

74.8712, 0.3560, 0.3506

Tritanomaly

74.8187, 0.3417, 0.3281

Monochromacy



Original Color

74.8258, 0.3567, 0.3516

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.6862, 0.3281, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8258, 0.3567, 0.3516 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, 217, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 195)  
}
```

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, 217, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 195) }
```

Border

The CSS property to change the border of an element to Yxy 74.8258, 0.3567, 0.3516 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, 217, 195) }
```

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

```
.border{ border-color:rgb(255, 217, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8258, 0.3567, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 195) }
```

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

```
.background{ background-color: rgb(255,  
217, 195) }
```

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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