

Converting Colors

$Y_{xy}(73.0524, 0.3596, 0.3514)$

Have a look what the booklet for
Yxy(73.0524, 0.3596, 0.3514)
contains.

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Color

Yxy(73.1589, 0.3596, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C0
RGB	255, 214, 192
RGB Percent	100%, 84%, 75%
CMY	0.0000, 0.1608, 0.2470
CMYK	0.00, 0.16, 0.25, 0.00
HSL	21°, 100%, 88%
HSV	21°, 25%, 100%
XYZ	74.8022, 73.1589, 60.0540
YIQ	223.7510, 31.4980, 1.8500

Conversions

Conversions Part 2

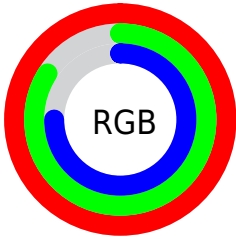
Format	Color
R _Y B	255, 226, 192
Decimal	16766656
CIE Lab	88.52, 11.10, 16.20
CIE LCh	89, 19.634, 55.575
Yxy	73.1589, 0.3596, 0.3517
Android (android.graphics.Color)	4294956736 (0xFFFFD6C0)
YUV	223.7510, -15.6532, 27.4054
Hunter-Lab	85.5330, 6.4231, 18.2447

Details

The Yxy color **73.1589, 0.3596, 0.3517** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.7101, 0.2742, 0.3051**, and the grayscale version is **74.4535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **38.6370, 0.3719, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **64.1503, 0.3844, 0.3614**, and if you desaturate by 10%, it is **83.2254, 0.3383, 0.3421**.

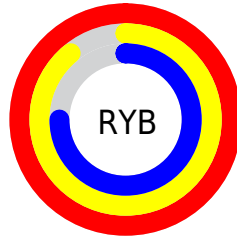
Distribution



Red (100%)

Green (84%)

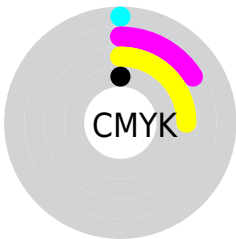
Blue (75%)



Red (100%)

Yellow (89%)

Blue (75%)

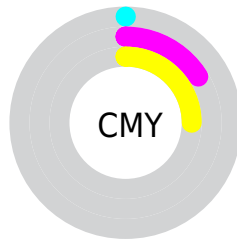


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1589, 0.3596, 0.3517 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 73.1589, 0.3596, 0.3517 by changing the saturation by 10% instead.

 73.1589, 0.3596,
0.3517

 73.1589, 0.3596,
0.3517


471.5653, 0.3378,
0.3416

 54.1059, 0.3646,
0.3539


 123.7028, 0.3520,
0.3483

 38.6863, 0.3708,
0.3565


155.9624, 0.3491,
0.3469

 26.5158, 0.3787,
0.3598


193.3931, 0.3465,
0.3458

 17.2099, 0.3890,
0.3639

236.3792, 0.3443,
0.3447

 10.3843, 0.4029,
0.3691

285.3050, 0.3424,
0.3438

 5.6545, 0.4230,
0.3759

340.5551, 0.3407,

 2.6361, 0.4537,

0.3430

0.3847

402.5137, 0.3391,
0.3423

0.9449, 0.5619,
0.4381

0.0000, 1.0000,
0.0000

73.1589, 0.3596,
0.3517

73.1589, 0.3596,
0.3517

64.1503, 0.3844,
0.3614

83.2254, 0.3383,
0.3421

56.1548, 0.4129,
0.3708

94.3745, 0.3202,
0.3331

49.1378, 0.4449,
0.3790

100.0000, 0.3127,
0.3290

43.0589, 0.4794,
0.3850

■ 37.8747, 0.5145,
0.3874

■ 33.5375, 0.5474,
0.3851

■ 29.9939, 0.5749,
0.3776

■ 28.4106, 0.5870,
0.3721

Harmonies

Analogous

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



73.1589, 0.3546, 0.3323



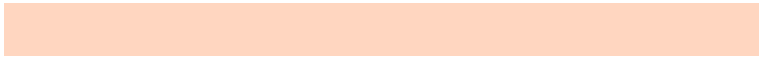
73.1589, 0.3596, 0.3517



73.1589, 0.3515, 0.3661

Triad

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



73.1589, 0.3596, 0.3517



73.1589, 0.2875, 0.3456



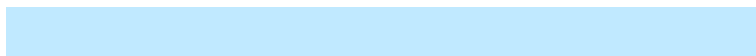
73.1589, 0.2915, 0.2901

Complementary

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



73.1589, 0.3596, 0.3517



76.7101, 0.2742, 0.3051

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.



73.1589, 0.2748, 0.2920



73.1589, 0.3596, 0.3517



73.1589, 0.2725, 0.3234

Square

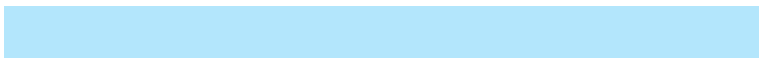
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1589, 0.3596, 0.3517



73.1589, 0.3095, 0.3635



73.1589, 0.2679, 0.3038



73.1589, 0.3146, 0.2977

Rectangle

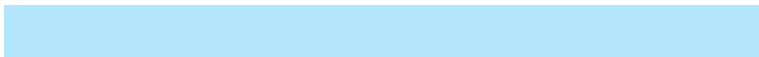
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1589, 0.3596, 0.3517



73.1589, 0.3400, 0.3706



73.1589, 0.2679, 0.3038



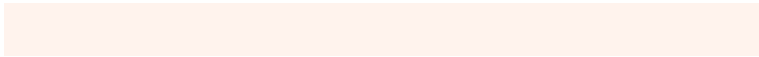
73.1589, 0.2850, 0.2896

Sweetspot

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



73.1620, 0.3596, 0.3517



91.7135, 0.3241, 0.3351



64.9054, 0.3312, 0.2868



19.4830, 0.3252, 0.3356



0.0000, 0.0000, 0.0000



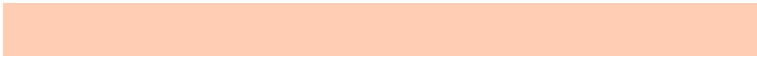
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.1620, 0.3596, 0.3517



68.2579, 0.3723, 0.3569



90.0702, 0.3525, 0.3813



19.0243, 0.3286, 0.3374



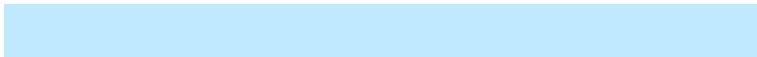
15.0966, 0.5840, 0.3745



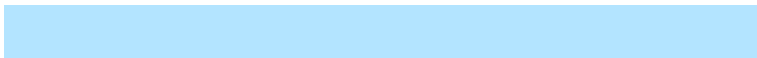
1.6654, 0.5622, 0.3918

Inverse Universe

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



76.7101, 0.2742, 0.3051



72.3904, 0.2660, 0.2992



60.9090, 0.2711, 0.2706



19.3512, 0.2980, 0.3205



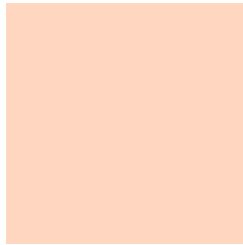
18.3069, 0.1917, 0.2102



1.9874, 0.1959, 0.2253

Previews

White Background



This preview shows how the Yxy color 73.1589, 0.3596, 0.3517 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 73.1589, 0.3596, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

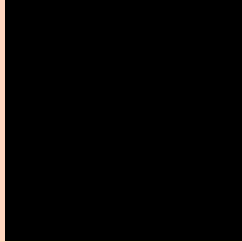
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1589, 0.3596, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 73.1589, 0.3596, 0.3517.



This preview shows how white text looks on a background with the Yxy color 73.1589, 0.3596, 0.3517.

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

73.1589, 0.3596, 0.3517

Protanopia

73.5517, 0.3383, 0.3571

Deuteranopia

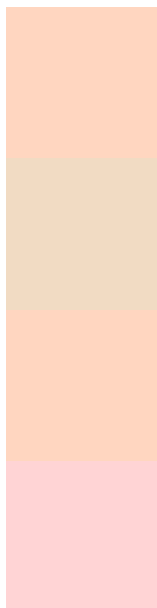
73.1589, 0.3596, 0.3517



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.1589, 0.3596, 0.3517

Protanomaly

73.3039, 0.3456, 0.3545

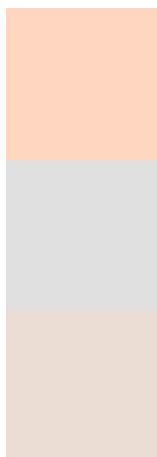
Deuteranomaly

73.1589, 0.3596, 0.3517

Tritanomaly

73.1511, 0.3444, 0.3281

Monochromacy



Original Color

73.1589, 0.3596, 0.3517

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6020, 0.3290, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1589, 0.3596, 0.3517 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, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 192)  
}
```

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, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.1589, 0.3596, 0.3517 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, 214, 192) }
```

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

```
.border{ border-color:rgb(255, 214, 192) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1589, 0.3596, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 192) }
```

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

```
.background{ background-color: rgb(255,  
214, 192) }
```

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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