

Converting Colors

$Y_{xy}(75.5729, 0.3528, 0.3475)$

Have a look what the booklet for
Yxy(75.5729, 0.3528, 0.3475)
contains.

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Color

Yxy(75.5729, 0.3528, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAC8
RGB	255, 218, 200
RGB Percent	100%, 85%, 78%
CMY	0.0001, 0.1450, 0.2157
CMYK	0.00, 0.14, 0.22, 0.00
HSL	20°, 100%, 89%
HSV	20°, 22%, 100%
XYZ	76.7255, 75.5729, 65.1775
YIQ	227.0110, 27.8300, 2.2460

Conversions

Conversions Part 2

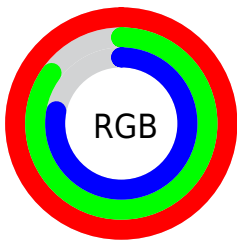
Format	Color
R _Y B	255, 227, 200
Decimal	16767688
CIE Lab	89.66, 10.12, 13.62
CIE LCh	90, 16.967, 53.382
Yxy	75.5729, 0.3528, 0.3475
Android (android.graphics.Color)	4294957768 (0xFFFFDAC8)
YUV	227.0110, -13.3164, 24.5464
Hunter-Lab	86.9327, 5.4093, 16.4003

Details

The Yxy color $75.5729, 0.3528, 0.3475$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.0235, 0.2792, 0.3097$, and the grayscale version is $76.9070, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.2755, 0.3627, 0.3514$ is the 20% darker color. If you saturate the color by 10%, you get $66.0493, 0.3768, 0.3567$, and if you desaturate by 10%, it is $86.2207, 0.3324, 0.3386$.

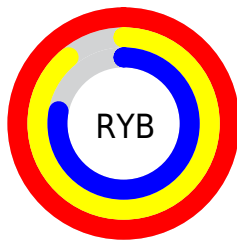
Distribution



Red (100%)

Green (85%)

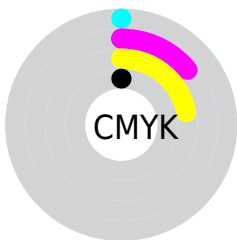
Blue (78%)



Red (100%)

Yellow (89%)

Blue (78%)

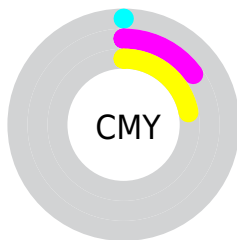


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5729, 0.3528, 0.3475 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 75.5729, 0.3528, 0.3475 by changing the saturation by 10% instead.


 75.5729, 0.3528,
0.3475

 75.5729, 0.3528,
0.3475


479.8844, 0.3342,
0.3393

 56.0824, 0.3570,
0.3493


127.1230, 0.3464,
0.3447

 40.2690, 0.3623,
0.3515


159.9513, 0.3439,
0.3436

 27.7483, 0.3689,
0.3541


197.9944, 0.3417,
0.3427

 18.1360, 0.3775,
0.3575

241.6366, 0.3398,
0.3418

 11.0477, 0.3893,
0.3618

291.2623, 0.3382,
0.3411

 6.0989, 0.4061,
0.3676

347.2559, 0.3367,

 2.9053, 0.4319,

0.3404

0.3753

410.0018, 0.3354,
0.3398

■ 1.0825, 0.5082,
0.4112

■ 0.0000, 1.0000,
0.0000

■ 75.5729, 0.3528,
0.3475

■ 75.5729, 0.3528,
0.3475

■ 66.0493, 0.3768,
0.3567

■ 86.2207, 0.3324,
0.3386

■ 57.6021, 0.4046,
0.3657

■ 98.0182, 0.3152,
0.3303

■ 50.1948, 0.4363,
0.3738

■ 99.9933, 0.3127,
0.3290

■ 43.7849, 0.4710,
0.3801

■ 38.3268, 0.5072,
0.3833

■ 33.7708, 0.5421,
0.3822

■ 30.0614, 0.5723,
0.3761

■ 27.5373, 0.5925,
0.3677

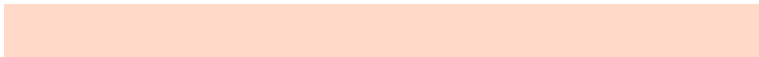
Harmonies

Analogous

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



75.5729, 0.3477, 0.3307



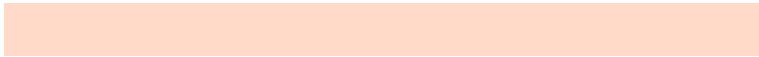
75.5729, 0.3528, 0.3475



75.5729, 0.3468, 0.3602

Triad

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



75.5729, 0.3528, 0.3475



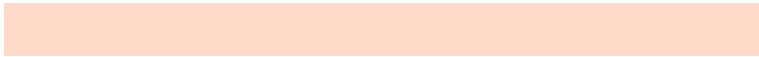
75.5729, 0.2924, 0.3445



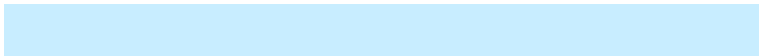
75.5729, 0.2934, 0.2953

Complementary

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



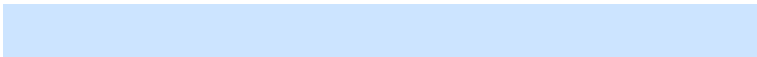
75.5729, 0.3528, 0.3475



80.0235, 0.2792, 0.3097

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.



75.5729, 0.2794, 0.2978



75.5729, 0.3528, 0.3475



75.5729, 0.2789, 0.3257

Square

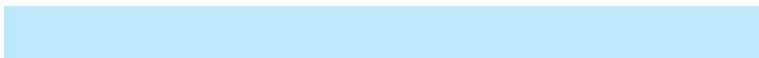
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5729, 0.3528, 0.3475



75.5729, 0.3116, 0.3591



75.5729, 0.2742, 0.3086



75.5729, 0.3128, 0.3013

Rectangle

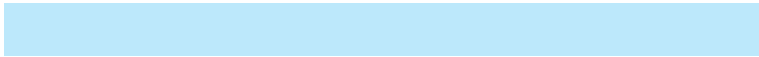
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5729, 0.3528, 0.3475



75.5729, 0.3374, 0.3643



75.5729, 0.2742, 0.3086



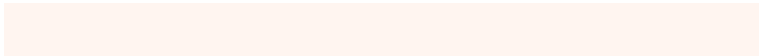
75.5729, 0.2879, 0.2952

Sweetspot

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



75.5763, 0.3528, 0.3475



92.6682, 0.3225, 0.3339



68.7026, 0.3277, 0.2915



19.6695, 0.3236, 0.3344



0.0000, 0.0000, 0.0000



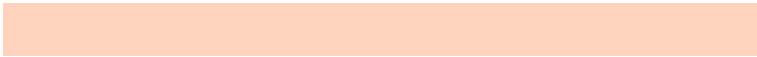
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5763, 0.3528, 0.3475



71.2357, 0.3630, 0.3516



90.6583, 0.3473, 0.3737



18.9601, 0.3286, 0.3369



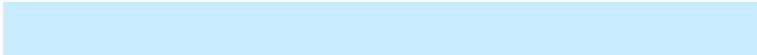
14.6344, 0.5895, 0.3701



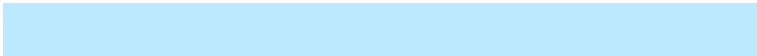
1.6147, 0.5676, 0.3876

Inverse Universe

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



80.0235, 0.2792, 0.3097



76.4212, 0.2723, 0.3052



65.6210, 0.2770, 0.2800



19.4182, 0.2980, 0.3210



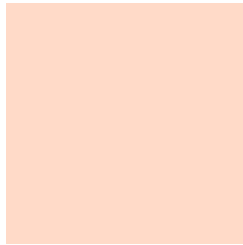
19.3459, 0.1938, 0.2178



2.0834, 0.1978, 0.2320

Previews

White Background



This preview shows how the Yxy color 75.5729, 0.3528, 0.3475 looks on a white background.

Color Contrast Check

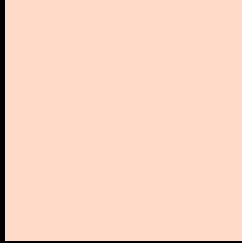
Large Text (above 18pt) WCAG AA × Fail

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 75.5729, 0.3528, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

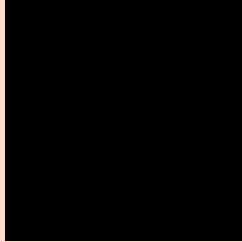
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.5729, 0.3528, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 75.5729, 0.3528, 0.3475.



This preview shows how white text looks on a background with the Yxy color 75.5729, 0.3528, 0.3475.

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

75.5729, 0.3528, 0.3475

Protanopia

75.8722, 0.3338, 0.3514

Deuteranopia

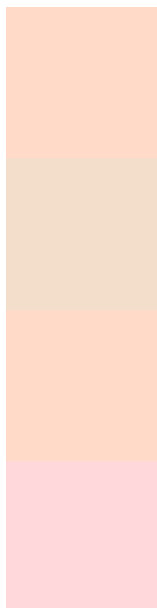
75.6671, 0.3514, 0.3454



Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.5729, 0.3528, 0.3475

Protanomaly

75.4316, 0.3402, 0.3490

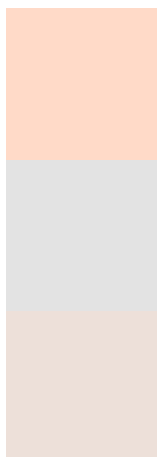
Deuteranomaly

75.6199, 0.3521, 0.3464

Tritanomaly

75.4862, 0.3394, 0.3261

Monochromacy



Original Color

75.5729, 0.3528, 0.3475

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3256, 0.3266, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5729, 0.3528, 0.3475 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, 218, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 200)  
}
```

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, 218, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 200) }
```

Border

The CSS property to change the border of an element to Yxy 75.5729, 0.3528, 0.3475 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, 218, 200) }
```

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

```
.border{ border-color:rgb(255, 218, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5729, 0.3528, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 200) }
```

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

```
.background{ background-color: rgb(255,  
218, 200) }
```

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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