

Converting Colors

$Y_{xy}(109.1757, 0.4756, 0.3489)$

Have a look what the booklet for
Yxy(109.1757, 0.4756, 0.3489)
contains.

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Color

Yxy(69.5461, 0.3726, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0B1
RGB	255, 208, 177
RGB Percent	100%, 82%, 69%
CMY	0.0000, 0.1843, 0.3057
CMYK	0.00, 0.18, 0.31, 0.00
HSL	24°, 100%, 85%
HSV	24°, 31%, 100%
XYZ	71.7411, 69.5461, 51.2546
YIQ	218.5190, 37.9630, 0.3230

Conversions

Conversions Part 2

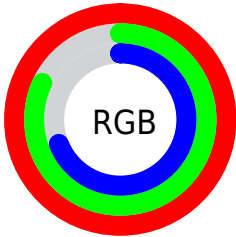
Format	Color
R _Y B	255, 228, 177
Decimal	16765105
CIE Lab	86.77, 12.26, 21.62
CIE LCh	87, 24.849, 60.447
Yxy	69.5461, 0.3726, 0.3612
Android (android.graphics.Color)	4294955185 (0xFFFFD0B1)
YUV	218.5190, -20.4689, 31.9938
Hunter-Lab	83.3943, 7.6170, 21.9360

Details

The Yxy color $69.5461, 0.3726, 0.3612$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $69.9041, 0.2646, 0.2943$, and the grayscale version is $70.6119, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6632, 0.3256, 0.3503$, and $36.4368, 0.3871, 0.3690$ is the 20% darker color. If you saturate the color by 10%, you get $61.4839, 0.3985, 0.3721$, and if you desaturate by 10%, it is $78.5220, 0.3499, 0.3502$.

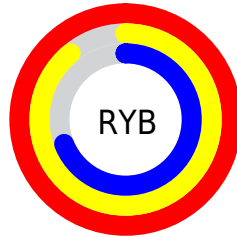
Distribution



Red (100%)

Green (82%)

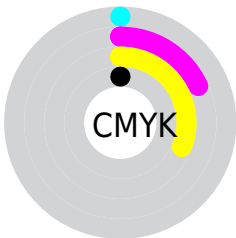
Blue (69%)



Red (100%)

Yellow (89%)

Blue (69%)

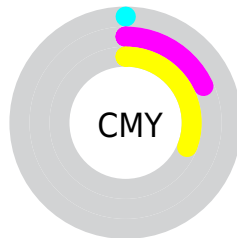


Cyan (0%)

Magenta (18%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5461, 0.3726, 0.3612 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 69.5461, 0.3726, 0.3612 by changing the saturation by 10% instead.


 69.5461, 0.3726,
0.3612

 69.5461, 0.3726,
0.3612


458.9547, 0.3445,
0.3469

 51.1566, 0.3791,
0.3643

 118.5612, 0.3628,
0.3564

 36.3332, 0.3871,
0.3680


149.9556, 0.3590,
0.3544

 24.6917, 0.3973,
0.3726


186.4538, 0.3557,
0.3528

 15.8475, 0.4106,
0.3783

228.4401, 0.3529,
0.3513

 9.4163, 0.4287,
0.3853

276.2989, 0.3504,
0.3500

 5.0137, 0.4543,
0.3941

330.4147, 0.3482,

 2.2553, 0.4987,

0.3488

0.4088

391.1718, 0.3462,
0.3478

0.7499, 0.5772,
0.4228

0.0000, 0.0000,
0.0000

69.5461, 0.3726,
0.3612

69.5461, 0.3726,
0.3612

61.4839, 0.3985,
0.3721

78.5220, 0.3499,
0.3502

54.3088, 0.4277,
0.3821

88.4456, 0.3304,
0.3396

47.9860, 0.4593,
0.3904

99.3435, 0.3136,
0.3296

42.4801, 0.4921,
0.3954

100.0000, 0.3127,
0.3290

■ 37.7521, 0.5240,
0.3961

■ 33.7592, 0.5521,
0.3914

■ 30.6178, 0.5738,
0.3826

Harmonies

Analogous

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



69.5461, 0.3690, 0.3369



69.5461, 0.3726, 0.3612



69.5461, 0.3594, 0.3786

Triad

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



69.5461, 0.3726, 0.3612



69.5461, 0.2764, 0.3458



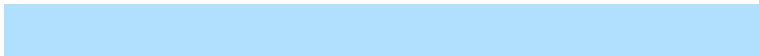
69.5461, 0.2898, 0.2803

Complementary

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



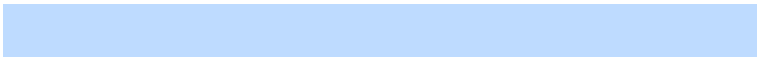
69.5461, 0.3726, 0.3612



69.9041, 0.2646, 0.2943

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.



69.5461, 0.2669, 0.2804



69.5461, 0.3726, 0.3612



69.5461, 0.2595, 0.3168

Square

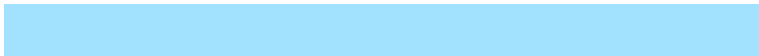
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.5461, 0.3726, 0.3612



69.5461, 0.3034, 0.3709



69.5461, 0.2561, 0.2931



69.5461, 0.3199, 0.2918

Rectangle

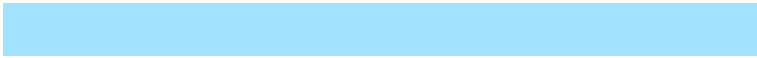
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5461, 0.3726, 0.3612



69.5461, 0.3433, 0.3833



69.5461, 0.2561, 0.2931



69.5461, 0.2811, 0.2790

Sweetspot

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



69.5446, 0.3726, 0.3612



90.0964, 0.3275, 0.3380



58.1603, 0.3400, 0.2802



18.9577, 0.3301, 0.3395



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.



69.5446, 0.3726, 0.3612



64.2620, 0.3889, 0.3682



90.2889, 0.3615, 0.3976



19.1706, 0.3284, 0.3385



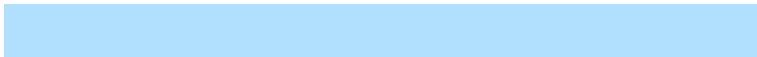
16.2700, 0.5709, 0.3849



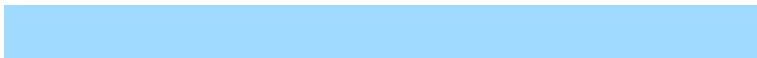
1.7904, 0.5500, 0.4015

Inverse Universe

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



69.9041, 0.2646, 0.2943



64.6623, 0.2546, 0.2857



51.7439, 0.2594, 0.2496



19.1999, 0.2979, 0.3193



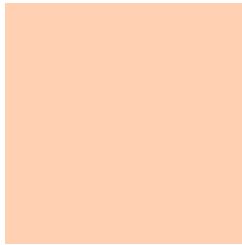
16.1039, 0.1870, 0.1930



1.7815, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 69.5461, 0.3726, 0.3612 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 69.5461, 0.3726, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

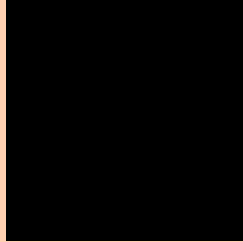
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5461, 0.3726, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 69.5461, 0.3726, 0.3612.



This preview shows how white text looks on a background with the Yxy color 69.5461, 0.3726, 0.3612.

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

69.5461, 0.3726, 0.3612

Protanopia

69.7849, 0.3475, 0.3687

Deuteranopia

69.6579, 0.3707, 0.3624



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.5461, 0.3726, 0.3612

Protanomaly

69.7391, 0.3560, 0.3657

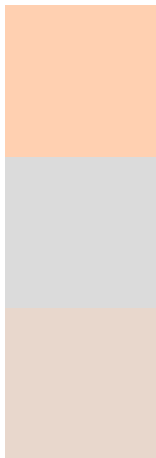
Deuteranomaly

69.8461, 0.3715, 0.3624

Tritanomaly

69.2344, 0.3533, 0.3312

Monochromacy



Original Color

69.5461, 0.3726, 0.3612

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1163, 0.3330, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5461, 0.3726, 0.3612 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, 208, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 177)  
}
```

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, 208, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 177) }
```

Border

The CSS property to change the border of an element to Yxy 69.5461, 0.3726, 0.3612 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, 208, 177) }
```

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

```
.border{ border-color:rgb(255, 208, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5461, 0.3726, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 177) }
```

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

```
.background{ background-color: rgb(255,  
208, 177) }
```

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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