

Converting Colors

$Y_{xy}(90.1345, 0.4416, 0.3578)$

Have a look what the booklet for
Yxy(90.1345, 0.4416, 0.3578)
contains.

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Color

Yxy(69.3503, 0.3764, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0AC
RGB	255, 208, 172
RGB Percent	100%, 82%, 67%
CMY	0.0000, 0.1843, 0.3253
CMYK	0.00, 0.18, 0.33, 0.00
HSL	26°, 100%, 84%
HSV	26°, 33%, 100%
XYZ	71.2430, 69.3503, 48.6815
YIQ	217.9490, 39.5680, -1.2320

Conversions

Conversions Part 2

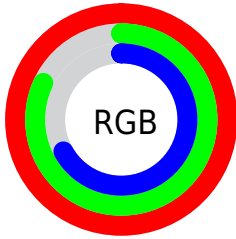
Format	Color
R _Y B	255, 236, 172
Decimal	16765100
CIE Lab	86.68, 11.62, 24.10
CIE LCh	87, 26.752, 64.264
Yxy	69.3503, 0.3764, 0.3664
Android (android.graphics.Color)	4294955180 (0xFFFFD0AC)
YUV	217.9490, -22.6529, 32.4937
Hunter-Lab	83.2768, 6.9717, 23.6344

Details

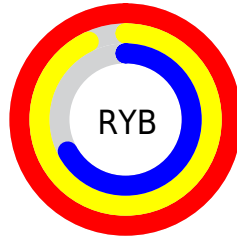
The Yxy color **69.3503, 0.3764, 0.3664** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.6725, 0.2611, 0.2882**, and the grayscale version is **70.2161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **36.3376, 0.3911, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **61.7400, 0.4022, 0.3781**, and if you desaturate by 10%, it is **77.7965, 0.3536, 0.3544**.

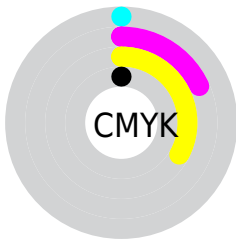
Distribution



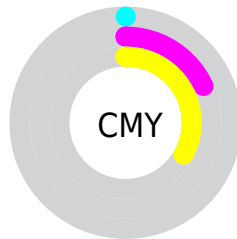
- Red (100%)
- Green (82%)
- Blue (67%)



- Red (100%)
- Yellow (93%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3503, 0.3764, 0.3664 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 69.3503, 0.3764, 0.3664 by changing the saturation by 10% instead.

 69.3503, 0.3764,
0.3664

 69.3503, 0.3764,
0.3664


458.2655, 0.3465,
0.3497

 50.9970, 0.3833,
0.3700

 118.2818, 0.3660,
0.3608

 36.2063, 0.3918,
0.3744


149.6288, 0.3619,
0.3585

 24.5935, 0.4025,
0.3797

186.0758, 0.3585,
0.3566

 15.7745, 0.4165,
0.3862

228.0073, 0.3555,
0.3549

 9.3647, 0.4354,
0.3944

275.8076, 0.3528,
0.3533

 4.9798, 0.4618,
0.4043

329.8612, 0.3505,

 2.2354, 0.5127,

0.3520

0.4253

390.5523, 0.3484,
0.3508

0.7392, 0.5736,
0.4264

0.0000, 0.0000,
0.0000

69.3503, 0.3764,
0.3664

69.3503, 0.3764,
0.3664

61.7400, 0.4022,
0.3781

77.7965, 0.3536,
0.3544

54.9280, 0.4307,
0.3888

87.0952, 0.3338,
0.3428

48.8880, 0.4611,
0.3974

97.2746, 0.3167,
0.3317

43.5880, 0.4921,
0.4025

99.9984, 0.3127,
0.3290

■ 38.9932, 0.5216,
0.4029

■ 35.0643, 0.5472,
0.3978

■ 32.5305, 0.5633,
0.3909

Harmonies

Analogous

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



69.3503, 0.3750, 0.3408



69.3503, 0.3764, 0.3664



69.3503, 0.3600, 0.3839

Triad

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



69.3503, 0.3764, 0.3664



69.3503, 0.2706, 0.3431



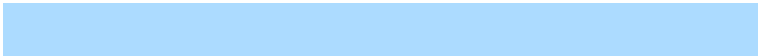
69.3503, 0.2918, 0.2777

Complementary

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



69.3503, 0.3764, 0.3664



66.6725, 0.2611, 0.2882

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.



69.3503, 0.2659, 0.2761



69.3503, 0.3764, 0.3664



69.3503, 0.2542, 0.3119

Square

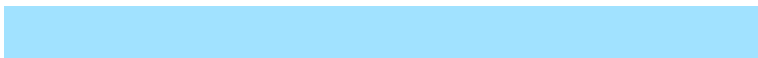
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3503, 0.3764, 0.3664



69.3503, 0.2985, 0.3715



69.3503, 0.2526, 0.2878



69.3503, 0.3247, 0.2914

Rectangle

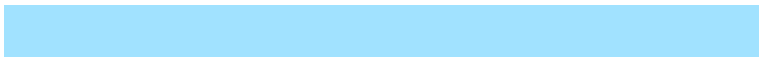
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3503, 0.3764, 0.3664



69.3503, 0.3417, 0.3877



69.3503, 0.2526, 0.2878



69.3503, 0.2821, 0.2757

Sweetspot

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



69.3535, 0.3764, 0.3664



89.5931, 0.3292, 0.3399



55.8967, 0.3459, 0.2810



18.8789, 0.3317, 0.3415



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.



69.3535, 0.3764, 0.3664



64.3394, 0.3927, 0.3741



92.2756, 0.3636, 0.4056



19.2825, 0.3283, 0.3393



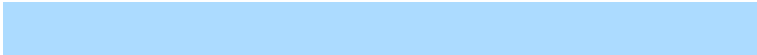
17.2830, 0.5605, 0.3932



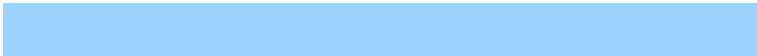
1.8952, 0.5406, 0.4090

Inverse Universe

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



66.6725, 0.2611, 0.2882



61.2710, 0.2509, 0.2785



47.6660, 0.2549, 0.2387



19.0855, 0.2979, 0.3184



14.5676, 0.1834, 0.1802



1.6358, 0.1885, 0.1986

Previews

White Background



This preview shows how the Yxy color 69.3503, 0.3764, 0.3664 looks on a white background.

Color Contrast Check

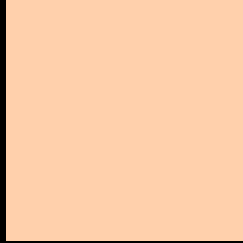
Large Text (above 18pt) WCAG AA × Fail

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 69.3503, 0.3764, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

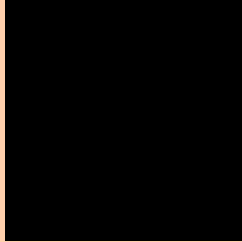
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.3503, 0.3764, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 69.3503, 0.3764, 0.3664.



This preview shows how white text looks on a background with the Yxy color 69.3503, 0.3764, 0.3664.

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

69.3503, 0.3764, 0.3664

Protanopia

69.5833, 0.3511, 0.3742

Deuteranopia

69.6503, 0.3753, 0.3676



Tritanopia

69.4555, 0.3427, 0.3159

Trichromacy



Original Color

69.3503, 0.3764, 0.3664

Protanomaly

69.5390, 0.3597, 0.3712

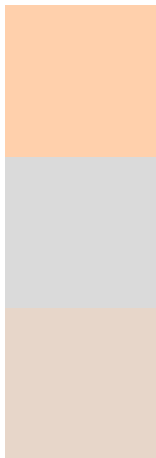
Deuteranomaly

69.6503, 0.3753, 0.3676

Tritanomaly

69.1397, 0.3548, 0.3332

Monochromacy



Original Color

69.3503, 0.3764, 0.3664

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2991, 0.3345, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3503, 0.3764, 0.3664 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 172) }
```

Border

The CSS property to change the border of an element to Yxy 69.3503, 0.3764, 0.3664 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, 172) }
```

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

```
.border{ border-color:rgb(255, 208, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3503, 0.3764, 0.3664 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
208, 172) }
```

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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