

Converting Colors

$Y_{xy}(69.8227, 0.3661, 0.3523)$

Have a look what the booklet for
Yxy(69.8227, 0.3661, 0.3523)
contains.

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Color

Yxy(69.8745, 0.3664, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0B9
RGB	255, 208, 185
RGB Percent	100%, 82%, 73%
CMY	0.0001, 0.1843, 0.2744
CMYK	0.00, 0.18, 0.27, 0.00
HSL	20°, 100%, 86%
HSV	20°, 27%, 100%
XYZ	72.5475, 69.8745, 55.5788
YIQ	219.4310, 35.3950, 2.8110

Conversions

Conversions Part 2

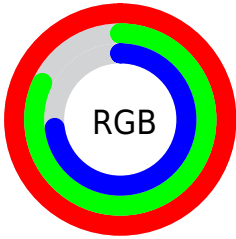
Format	Color
R _Y B	255, 219, 185
Decimal	16765113
CIE Lab	86.94, 13.26, 17.64
CIE LCh	87, 22.065, 53.064
Yxy	69.8745, 0.3664, 0.3529
Android (android.graphics.Color)	4294955193 (0xFFFFD0B9)
YUV	219.4310, -16.9745, 31.1940
Hunter-Lab	83.5910, 8.6336, 19.0923

Details

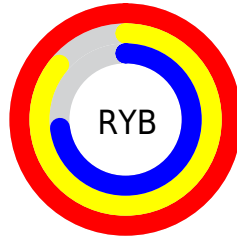
The Yxy color **69.8745, 0.3664, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.2430, 0.2701, 0.3037**, and the grayscale version is **71.2569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **36.6475, 0.3789, 0.3584** is the 20% darker color. If you saturate the color by 10%, you get **60.9929, 0.3926, 0.3620**, and if you desaturate by 10%, it is **79.8567, 0.3440, 0.3438**.

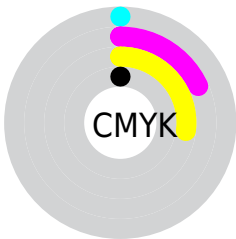
Distribution



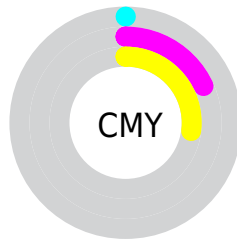
- Red (100%)
- Green (82%)
- Blue (73%)



- Red (100%)
- Yellow (86%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8745, 0.3664, 0.3529 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 69.8745, 0.3664, 0.3529 by changing the saturation by 10% instead.

 69.8745, 0.3664,
0.3529

 69.8745, 0.3664,
0.3529


460.1092, 0.3412,
0.3423

 51.4242, 0.3722,
0.3552


 119.0298, 0.3576,
0.3493

 36.5463, 0.3795,
0.3579


150.5035, 0.3542,
0.3479

 24.8564, 0.3887,
0.3613


187.0873, 0.3512,
0.3467

 15.9701, 0.4008,
0.3655

229.1654, 0.3487,
0.3456

 9.5030, 0.4174,
0.3707

277.1222, 0.3465,
0.3446

 5.0707, 0.4412,
0.3772

331.3422, 0.3445,

 2.2888, 0.4787,

0.3438

0.3853

392.2098, 0.3427,
0.3430

0.7678, 0.5826,
0.4174

0.0000, 1.0000,
0.0000

69.8745, 0.3664,
0.3529

69.8745, 0.3664,
0.3529

60.9929, 0.3926,
0.3620

79.8567, 0.3440,
0.3438

53.1633, 0.4227,
0.3707

90.9664, 0.3249,
0.3351

46.3478, 0.4563,
0.3779

99.9946, 0.3127,
0.3290

40.5022, 0.4921,
0.3826

■ 35.5786, 0.5279,
0.3834

■ 31.5245, 0.5605,
0.3794

■ 28.2790, 0.5865,
0.3705

■ 27.5624, 0.5924,
0.3679

Harmonies

Analogous

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



69.8745, 0.3594, 0.3306



69.8745, 0.3664, 0.3529



69.8745, 0.3583, 0.3702

Triad

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



69.8745, 0.3664, 0.3529



69.8745, 0.2858, 0.3500



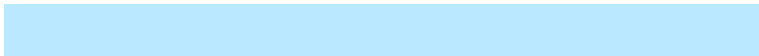
69.8745, 0.2866, 0.2846

Complementary

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



69.8745, 0.3664, 0.3529



75.2430, 0.2701, 0.3037

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.



69.8745, 0.2684, 0.2876



69.8745, 0.3664, 0.3529



69.8745, 0.2680, 0.3245

Square

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



69.8745, 0.3664, 0.3529



69.8745, 0.3112, 0.3698



69.8745, 0.2618, 0.3017



69.8745, 0.3124, 0.2924

Rectangle

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



69.8745, 0.3664, 0.3529



69.8745, 0.3457, 0.3762



69.8745, 0.2618, 0.3017



69.8745, 0.2795, 0.2843

Sweetspot

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



69.8777, 0.3664, 0.3529



90.3256, 0.3259, 0.3356



61.8388, 0.3328, 0.2809



18.9619, 0.3286, 0.3369



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.



69.8777, 0.3664, 0.3529



64.8131, 0.3805, 0.3580



88.3519, 0.3575, 0.3862



18.9619, 0.3286, 0.3369



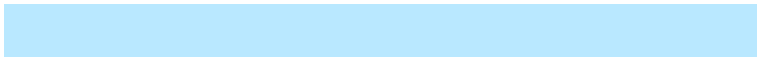
14.6470, 0.5894, 0.3702



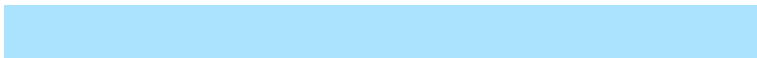
1.6161, 0.5674, 0.3877

Inverse Universe

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



75.2430, 0.2701, 0.3037



70.9893, 0.2617, 0.2978



57.8577, 0.2661, 0.2645



19.4163, 0.2980, 0.3210



19.3161, 0.1938, 0.2176



2.0806, 0.1977, 0.2318

Previews

White Background



This preview shows how the Yxy color 69.8745, 0.3664, 0.3529 looks on a white background.

Color Contrast Check

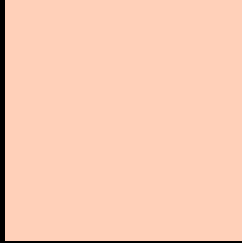
Large Text (above 18pt) WCAG AA × Fail

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 69.8745, 0.3664, 0.3529 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 69.8745, 0.3664, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 69.8745, 0.3664, 0.3529.



This preview shows how white text looks on a background with the Yxy color 69.8745, 0.3664, 0.3529.

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

69.8745, 0.3664, 0.3529

Protanopia

69.8374, 0.3396, 0.3588

Deuteranopia

70.1052, 0.3627, 0.3552



Tritanopia

70.0371, 0.3410, 0.3149

Trichromacy



Original Color

69.8745, 0.3664, 0.3529

Protanomaly

69.9011, 0.3493, 0.3571

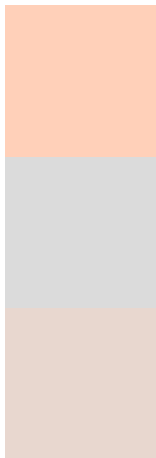
Deuteranomaly

69.7992, 0.3638, 0.3541

Tritanomaly

69.9076, 0.3500, 0.3281

Monochromacy



Original Color

69.8745, 0.3664, 0.3529

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2617, 0.3309, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8745, 0.3664, 0.3529 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 185) }
```

Border

The CSS property to change the border of an element to Yxy 69.8745, 0.3664, 0.3529 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, 185) }
```

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

```
.border{ border-color:rgb(255, 208, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 208, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 208, 185); box-shadow:4px 4px 4px 4px rgb(255, 208, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8745, 0.3664, 0.3529 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
208, 185) }
```

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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