

Converting Colors

$Y_{xy}(65.8540, 0.3785, 0.3513)$

Have a look what the booklet for
Yxy(65.8540, 0.3785, 0.3513)
contains.

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Color

Yxy(65.2812, 0.3754, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7B1
RGB	255, 199, 177
RGB Percent	100%, 78%, 69%
CMY	0.0000, 0.2196, 0.3059
CMYK	0.00, 0.22, 0.31, 0.00
HSL	17°, 100%, 85%
HSV	17°, 31%, 100%
XYZ	69.6011, 65.2812, 50.5229
YIQ	213.2360, 40.4380, 5.0300

Conversions

Conversions Part 2

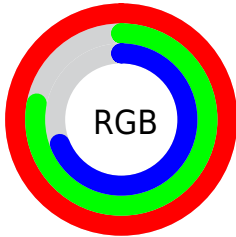
Format	Color
R _Y B	255, 208, 177
Decimal	16762801
CIE Lab	84.63, 16.93, 18.66
CIE LCh	85, 25.197, 47.783
Yxy	65.2812, 0.3754, 0.3521
Android (android.graphics.Color)	4294952881 (0xFFFFC7B1)
YUV	213.2360, -17.8643, 36.6270
Hunter-Lab	80.7968, 12.3717, 19.4832

Details

The Yxy color **65.2812, 0.3754, 0.3521** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8387, 0.2658, 0.3045**, and the grayscale version is **66.8072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **33.5764, 0.3915, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **56.4356, 0.4039, 0.3599**, and if you desaturate by 10%, it is **75.3326, 0.3511, 0.3442**.

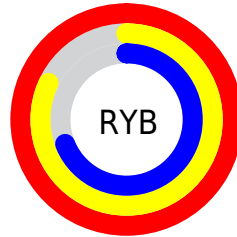
Distribution



Red (100%)

Green (78%)

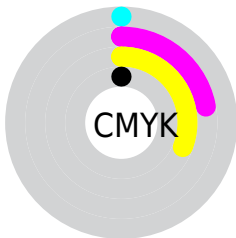
Blue (69%)



Red (100%)

Yellow (82%)

Blue (69%)

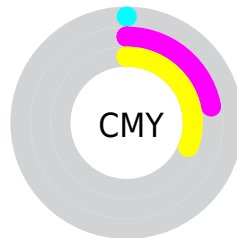


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2812, 0.3754, 0.3521 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 65.2812, 0.3754, 0.3521 by changing the saturation by 10% instead.


 65.2812, 0.3754,
0.3521

 65.2812, 0.3754,
0.3521


443.8018, 0.3456,
0.3420

 47.6891, 0.3824,
0.3542


 112.4540, 0.3649,
0.3487

 33.5808, 0.3911,
0.3568


142.8036, 0.3608,
0.3474

 22.5717, 0.4023,
0.3598


178.1744, 0.3574,
0.3462

 14.2776, 0.4171,
0.3635

218.9510, 0.3544,
0.3451

 8.3140, 0.4375,
0.3679

265.5176, 0.3518,
0.3442

 4.2965, 0.4672,
0.3726

318.2587, 0.3494,

 1.8408, 0.5222,

0.3434

0.3825

377.5586, 0.3474,
0.3427

0.5124, 0.6376,
0.3624

0.0000, 0.0000,
0.0000

65.2812, 0.3754,
0.3521

65.2812, 0.3754,
0.3521

56.4356, 0.4039,
0.3599

75.3326, 0.3511,
0.3442

48.7456, 0.4366,
0.3670

86.6297, 0.3307,
0.3366

42.1629, 0.4730,
0.3724

99.2153, 0.3136,
0.3294

36.6342, 0.5113,
0.3751

100.0000, 0.3127,
0.3290

■ 32.1013, 0.5485,
0.3738

■ 28.4995, 0.5807,
0.3678

■ 25.8881, 0.6037,
0.3588

Harmonies

Analogous

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



65.2812, 0.3642, 0.3260



65.2812, 0.3754, 0.3521



65.2812, 0.3687, 0.3740

Triad

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



65.2812, 0.3754, 0.3521



65.2812, 0.2860, 0.3585



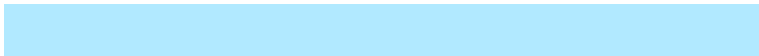
65.2812, 0.2777, 0.2772

Complementary

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



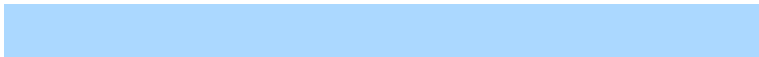
65.2812, 0.3754, 0.3521



74.8387, 0.2658, 0.3045

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.



65.2812, 0.2589, 0.2827



65.2812, 0.3754, 0.3521



65.2812, 0.2635, 0.3288

Square

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



65.2812, 0.3754, 0.3521



65.2812, 0.3163, 0.3798



65.2812, 0.2538, 0.3010



65.2812, 0.3065, 0.2842

Rectangle

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



65.2812, 0.3754, 0.3521



65.2812, 0.3554, 0.3829



65.2812, 0.2538, 0.3010



65.2812, 0.2701, 0.2776

Sweetspot

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



65.2825, 0.3754, 0.3521



88.5445, 0.3278, 0.3354



58.6537, 0.3326, 0.2715



18.5770, 0.3305, 0.3365



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.



65.2825, 0.3754, 0.3521



59.4767, 0.3931, 0.3571



84.8858, 0.3641, 0.3892



18.8214, 0.3287, 0.3358



13.7436, 0.6008, 0.3611



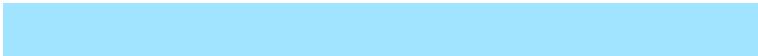
1.5138, 0.5788, 0.3786

Inverse Universe

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



74.8387, 0.2658, 0.3045



70.4562, 0.2565, 0.2985



55.6840, 0.2607, 0.2604



19.5642, 0.2980, 0.3221



21.7460, 0.1984, 0.2343



2.3028, 0.2018, 0.2464

Previews

White Background



This preview shows how the Yxy color 65.2812, 0.3754, 0.3521 looks on a white background.

Color Contrast Check

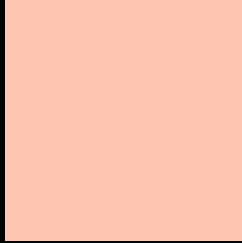
Large Text (above 18pt) WCAG AA × Fail

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 65.2812, 0.3754, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

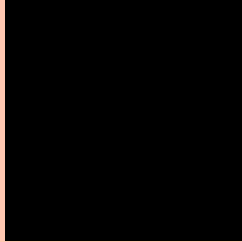
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2812, 0.3754, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 65.2812, 0.3754, 0.3521.



This preview shows how white text looks on a background with the Yxy color 65.2812, 0.3754, 0.3521.

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

65.2812, 0.3754, 0.3521

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

65.0796, 0.3660, 0.3581



Tritanopia

65.3433, 0.3503, 0.3158

Trichromacy



Original Color

65.2812, 0.3754, 0.3521

Protanomaly

65.4543, 0.3530, 0.3577

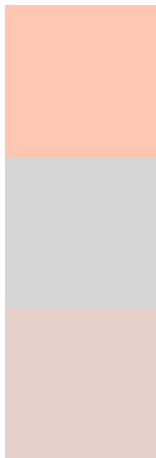
Deuteranomaly

65.3321, 0.3695, 0.3568

Tritanomaly

65.2237, 0.3597, 0.3291

Monochromacy



Original Color

65.2812, 0.3754, 0.3521

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

65.7759, 0.3338, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2812, 0.3754, 0.3521 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, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 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, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 65.2812, 0.3754, 0.3521 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, 199, 177) }
```

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

```
.border{ border-color:rgb(255, 199, 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, 199, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2812, 0.3754, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 177) }
```

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

```
.background{ background-color: rgb(255,  
199, 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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