

Converting Colors

$Y_{xy}(65.0950, 0.3746, 0.3522)$

Have a look what the booklet for
Yxy(65.0950, 0.3746, 0.3522)
contains.

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Color

Yxy(65.0920, 0.3746, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7B1
RGB	254, 199, 177
RGB Percent	100%, 78%, 69%
CMY	0.0039, 0.2196, 0.3060
CMYK	0.00, 0.22, 0.30, 0.00
HSL	17°, 97%, 85%
HSV	17°, 30%, 100%
XYZ	69.2319, 65.0920, 50.4916
YIQ	212.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

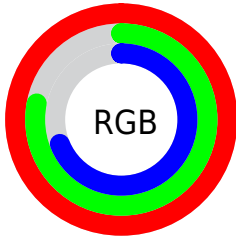
Format	Color
RYB	254, 208, 177
Decimal	16697265
CIELab	84.53, 16.55, 18.53
CIELCh	85, 24.843, 48.220
Yxy	65.0920, 0.3746, 0.3522
Android (android.graphics.Color)	4294887345 (0xFFFE7B1)
YUV	212.9370, -17.7169, 36.0123
Hunter-Lab	80.6796, 11.9831, 19.3704

Details

The Yxy color **65.0920, 0.3746, 0.3522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.1955, 0.2661, 0.3044**, and the grayscale version is **66.5967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **33.4418, 0.3904, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **56.3208, 0.4029, 0.3601**, and if you desaturate by 10%, it is **75.0523, 0.3505, 0.3442**.

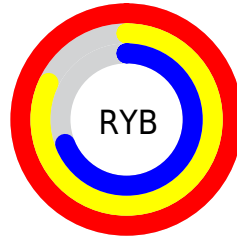
Distribution



Red (100%)

Green (78%)

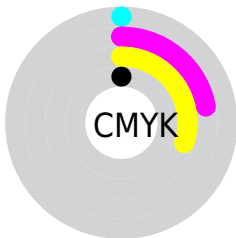
Blue (69%)



Red (100%)

Yellow (82%)

Blue (69%)

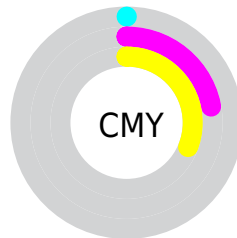


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0920, 0.3746, 0.3522 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 65.0920, 0.3746, 0.3522 by changing the saturation by 10% instead.


 65.0920, 0.3746,
0.3522

 65.0920, 0.3746,
0.3522


443.1225, 0.3451,
0.3420

 47.5357, 0.3815,
0.3544


 112.1821, 0.3642,
0.3488

 33.4593, 0.3901,
0.3569


142.4847, 0.3602,
0.3474

 22.4786, 0.4012,
0.3600


177.8048, 0.3568,
0.3462

 14.2090, 0.4158,
0.3638

218.5269, 0.3538,
0.3452

 8.2661, 0.4360,
0.3683

265.0353, 0.3513,
0.3443

 4.2657, 0.4654,
0.3732

317.7145, 0.3490,

 1.8233, 0.5203,

0.3434

0.3837

376.9487, 0.3469,
0.3427

0.5016, 0.6373,
0.3627

0.0000, 0.0000,
0.0000

65.0920, 0.3746,
0.3522

65.0920, 0.3746,
0.3522

56.3208, 0.4029,
0.3601

75.0523, 0.3505,
0.3442

48.6842, 0.4354,
0.3673

86.2352, 0.3302,
0.3365

42.1370, 0.4715,
0.3729

98.6844, 0.3132,
0.3292

36.6272, 0.5096,
0.3757

99.8125, 0.3121,
0.3290

■ 32.0981, 0.5467,
0.3746

■ 28.4868, 0.5790,
0.3688

■ 25.7936, 0.6028,
0.3596

Harmonies

Analogous

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



65.0920, 0.3638, 0.3264



65.0920, 0.3746, 0.3522



65.0920, 0.3678, 0.3737

Triad

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



65.0920, 0.3746, 0.3522



65.0920, 0.2859, 0.3577



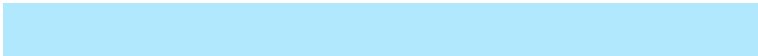
65.0920, 0.2785, 0.2778

Complementary

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



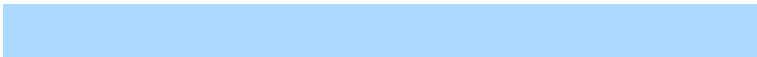
65.0920, 0.3746, 0.3522



74.1955, 0.2661, 0.3044

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.



65.0920, 0.2598, 0.2831



65.0920, 0.3746, 0.3522



65.0920, 0.2638, 0.3284

Square

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



65.0920, 0.3746, 0.3522



65.0920, 0.3159, 0.3789



65.0920, 0.2545, 0.3010



65.0920, 0.3071, 0.2850

Rectangle

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



65.0920, 0.3746, 0.3522



65.0920, 0.3546, 0.3824



65.0920, 0.2545, 0.3010



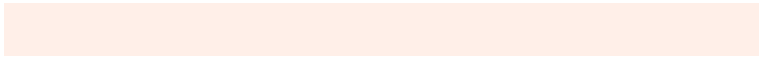
65.0920, 0.2709, 0.2782

Sweetspot

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



65.0950, 0.3746, 0.3522



88.5970, 0.3278, 0.3355



58.3399, 0.3334, 0.2732



18.5899, 0.3305, 0.3366



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.



65.0950, 0.3746, 0.3522



60.5054, 0.3901, 0.3567



84.9973, 0.3632, 0.3899



18.8332, 0.3287, 0.3359



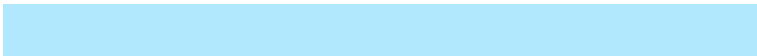
13.8138, 0.5999, 0.3619



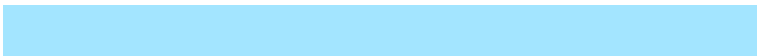
1.5220, 0.5779, 0.3794

Inverse Universe

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



74.1955, 0.2661, 0.3044



70.9219, 0.2578, 0.2991



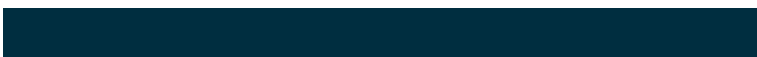
54.9314, 0.2610, 0.2596



19.5517, 0.2980, 0.3220



21.5332, 0.1980, 0.2329



2.2835, 0.2014, 0.2451

Previews

White Background



This preview shows how the Yxy color 65.0920, 0.3746, 0.3522 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 65.0920, 0.3746, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

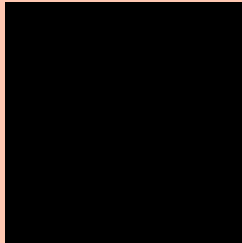
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0920, 0.3746, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 65.0920, 0.3746, 0.3522.



This preview shows how white text looks on a background with the Yxy color 65.0920, 0.3746, 0.3522.

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

65.0920, 0.3746, 0.3522

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

65.0796, 0.3660, 0.3581



Tritanopia

64.8937, 0.3505, 0.3147

Trichromacy



Original Color

65.0920, 0.3746, 0.3522

Protanomaly

65.4543, 0.3530, 0.3577

Deuteranomaly

65.3321, 0.3695, 0.3568

Tritanomaly

64.7711, 0.3600, 0.3281

Monochromacy



Original Color

65.0920, 0.3746, 0.3522

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 65.0920, 0.3746, 0.3522 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(254, 199, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 199, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 177) }
```

Border

The CSS property to change the border of an element to Yxy 65.0920, 0.3746, 0.3522 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(254, 199, 177) }
```

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

```
.border{ border-color:rgb(254, 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(254, 199, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0920, 0.3746, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 177) }
```

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

```
.background{ background-color: rgb(254,  
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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