

Converting Colors

$Yxy(65.3769, 0.3654, 0.3690)$

Have a look what the booklet for
Yxy(65.3769, 0.3654, 0.3690)
contains.

Yxy(65.2220, 0.3648, 0.3684)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.2220, 0.3648, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	EECEAA
RGB	238, 206, 170
RGB Percent	93%, 81%, 67%
CMY	0.0667, 0.1921, 0.3332
CMYK	0.00, 0.13, 0.29, 0.07
HSL	32°, 67%, 80%
HSV	32°, 29%, 93%
XYZ	64.5847, 65.2220, 47.2346
YIQ	211.4640, 30.6280, -4.4120

Conversions

Conversions Part 2

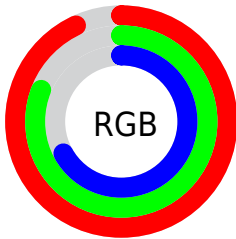
Format	Color
RYB	230, 238, 170
Decimal	15650474
CIELab	84.60, 5.96, 22.04
CIELCh	85, 22.836, 74.862
Yxy	65.2220, 0.3648, 0.3684
Android (android.graphics.Color)	4293840554 (0xFFEECEAA)
YUV	211.4640, -20.4418, 23.2721
Hunter-Lab	80.7601, 1.4179, 21.8548

Details

The Yxy color $65.2220, 0.3648, 0.3684$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.9681, 0.2668, 0.2860$, and the grayscale version is $65.5892, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2162, 0.3304, 0.3582$, and $33.5882, 0.3770, 0.3774$ is the 20% darker color. If you saturate the color by 10%, you get $59.2025, 0.3874, 0.3827$, and if you desaturate by 10%, it is $71.7947, 0.3445, 0.3541$.

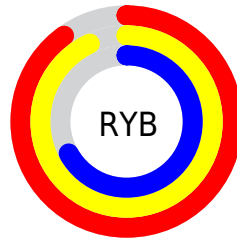
Distribution



Red (93%)

Green (81%)

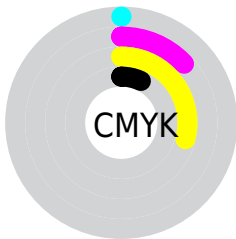
Blue (67%)



Red (90%)

Yellow (93%)

Blue (67%)

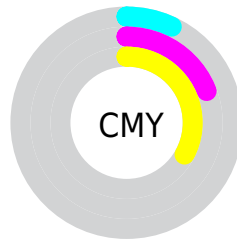


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2220, 0.3648, 0.3684 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 65.2220, 0.3648, 0.3684 by changing the saturation by 10% instead.


 65.2220, 0.3648,
0.3684

 65.2220, 0.3648,
0.3684


443.5893, 0.3402,
0.3502

 47.6411, 0.3705,
0.3725


 112.3690, 0.3562,
0.3621

 33.5428, 0.3776,
0.3775


142.7038, 0.3528,
0.3597

 22.5426, 0.3867,
0.3838


178.0588, 0.3500,
0.3576

 14.2561, 0.3986,
0.3919

218.8183, 0.3475,
0.3557

 8.2990, 0.4147,
0.4024

265.3667, 0.3453,
0.3541

 4.2869, 0.4377,
0.4165

318.0884, 0.3434,

 1.8353, 0.4923,

0.3526

0.4536

377.3678, 0.3417,
0.3514

0.5090, 0.5529,
0.4471

0.0000, 0.0000,
0.0000

65.2220, 0.3648,
0.3684

65.2220, 0.3648,
0.3684

59.2025, 0.3874,
0.3827

71.7947, 0.3445,
0.3541

53.7105, 0.4121,
0.3963

78.9275, 0.3264,
0.3403

48.7311, 0.4381,
0.4081

86.6385, 0.3105,
0.3272

44.2452, 0.4646,
0.4169

94.2653, 0.3024,
0.3248

■ 40.2317, 0.4900,
0.4216

■ 96.9136, 0.3023,
0.3290

■ 36.6672, 0.5127,
0.4210

■ 33.5211, 0.5317,
0.4150

■ 33.0944, 0.5343,
0.4140

Harmonies

Analogous

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



65.2220, 0.3692, 0.3480



65.2220, 0.3648, 0.3684



65.2220, 0.3461, 0.3793

Triad

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



65.2220, 0.3648, 0.3684



65.2220, 0.2695, 0.3316



65.2220, 0.3044, 0.2871

Complementary

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



65.2220, 0.3648, 0.3684



56.9681, 0.2668, 0.2860

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.



65.2220, 0.2788, 0.2818



65.2220, 0.3648, 0.3684



65.2220, 0.2594, 0.3059

Square

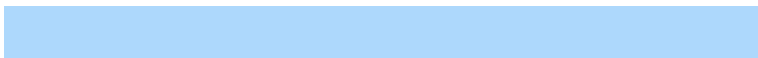
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.2220, 0.3648, 0.3684



65.2220, 0.2910, 0.3580



65.2220, 0.2627, 0.2881



65.2220, 0.3334, 0.3023

Rectangle

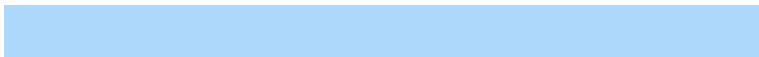
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2220, 0.3648, 0.3684



65.2220, 0.3285, 0.3788



65.2220, 0.2627, 0.2881



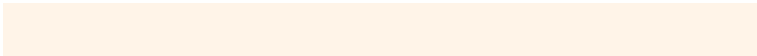
65.2220, 0.2951, 0.2841

Sweetspot

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



65.2250, 0.3648, 0.3684



91.9113, 0.3272, 0.3409



51.2442, 0.3456, 0.2932



19.4041, 0.3297, 0.3429



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.



65.2250, 0.3648, 0.3684



72.2941, 0.3771, 0.3764



82.0192, 0.3550, 0.4005



17.1443, 0.3280, 0.3415



18.7284, 0.5320, 0.4158



1.7572, 0.5131, 0.4308

Inverse Universe

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



56.9681, 0.2668, 0.2860



61.2265, 0.2575, 0.2761



43.6139, 0.2634, 0.2463



16.4553, 0.2980, 0.3162



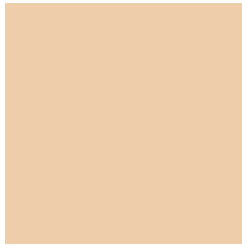
10.1627, 0.1745, 0.1482



1.0431, 0.1814, 0.1728

Previews

White Background



This preview shows how the Yxy color 65.2220, 0.3648, 0.3684 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 65.2220, 0.3648, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

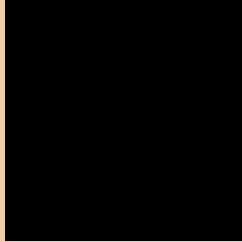
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2220, 0.3648, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 65.2220, 0.3648, 0.3684.



This preview shows how white text looks on a background with the Yxy color 65.2220, 0.3648, 0.3684.

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

65.2220, 0.3648, 0.3684

Protanopia

65.4144, 0.3507, 0.3731

Deuteranopia

65.2450, 0.3715, 0.3634



Tritanopia

65.2695, 0.3354, 0.3133

Trichromacy



Original Color

65.2220, 0.3648, 0.3684

Protanomaly

65.1992, 0.3560, 0.3715

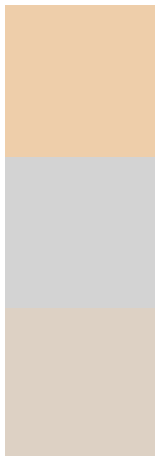
Deuteranomaly

65.1807, 0.3688, 0.3647

Tritanomaly

65.0654, 0.3458, 0.3323

Monochromacy



Original Color

65.2220, 0.3648, 0.3684

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.9586, 0.3311, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2220, 0.3648, 0.3684 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(238, 206, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 206, 170)  
}
```

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(238, 206, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 206, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.2220, 0.3648, 0.3684 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(238, 206, 170) }
```

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

```
.border{ border-color:rgb(238, 206, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 206, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 206, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 206, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 206,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2220, 0.3648, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 206, 170) }
```

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

```
.background{ background-color: rgb(238,  
206, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor