

Converting Colors

Yxy(66.0710, 0.3612, 0.3688)

Have a look what the booklet for
Yxy(66.0710, 0.3612, 0.3688)
contains.

Yxy(65.9232, 0.3611, 0.3686)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.9232, 0.3611, 0.3686)

Conversions

Conversions Part 1

Format	Color
Hex	ECD0AC
RGB	236, 208, 172
RGB Percent	93%, 82%, 67%
CMY	0.0747, 0.1842, 0.3255
CMYK	0.00, 0.12, 0.27, 0.07
HSL	34°, 63%, 80%
HSV	34°, 27%, 93%
XYZ	64.5818, 65.9232, 48.3425
YIQ	212.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

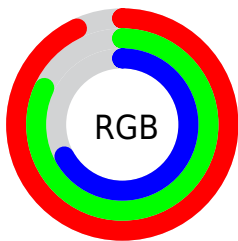
Format	Color
RYB	222, 236, 172
Decimal	15519916
CIELab	84.96, 4.41, 21.49
CIELCh	85, 21.936, 78.405
Yxy	65.9232, 0.3611, 0.3686
Android (android.graphics.Color)	4293709996 (0xFFECD0AC)
YUV	212.2680, -19.8521, 20.8130
Hunter-Lab	81.1931, -0.1072, 21.5338

Details

The Yxy color **65.9232, 0.3611, 0.3686** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0928, 0.2690, 0.2858**, and the grayscale version is **66.1445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **34.0510, 0.3720, 0.3777** is the 20% darker color. If you saturate the color by 10%, you get **60.2361, 0.3828, 0.3838**, and if you desaturate by 10%, it is **72.1036, 0.3415, 0.3535**.

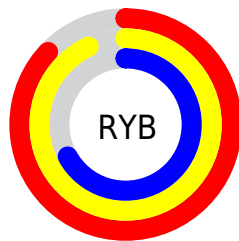
Distribution



Red (93%)

Green (82%)

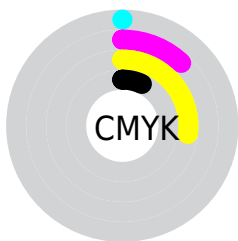
Blue (67%)



Red (87%)

Yellow (93%)

Blue (67%)

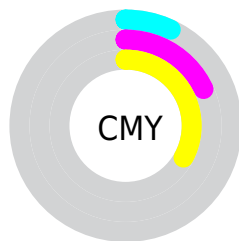


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9232, 0.3611, 0.3686 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 65.9232, 0.3611, 0.3686 by changing the saturation by 10% instead.


 65.9232, 0.3611,
0.3686

 65.9232, 0.3611,
0.3686


446.1022, 0.3383,
0.3503

 48.2101, 0.3664,
0.3728


 113.3761, 0.3531,
0.3622

 33.9933, 0.3729,
0.3779


143.8846, 0.3500,
0.3598

 22.8884, 0.3813,
0.3843


179.4271, 0.3474,
0.3576

 14.5111, 0.3922,
0.3926


220.3879, 0.3451,
0.3558

 8.4770, 0.4071,
0.4035

267.1514, 0.3431,
0.3541

 4.4017, 0.4282,
0.4184

320.1020, 0.3413,

 1.9007, 0.4750,

0.3527

0.4533

379.6242, 0.3397,
0.3514

0.5488, 0.5341,
0.4659

0.0000, 0.0000,
0.0000

65.9232, 0.3611,
0.3686

65.9232, 0.3611,
0.3686

60.2361, 0.3828,
0.3838

72.1036, 0.3415,
0.3535

55.0187, 0.4063,
0.3983

78.7823, 0.3239,
0.3389

50.2584, 0.4310,
0.4112

85.9753, 0.3084,
0.3251

45.9382, 0.4560,
0.4213

92.9413, 0.3011,
0.3233

■ 42.0399, 0.4800,
0.4273

■ 96.5651, 0.3011,
0.3290

■ 38.5426, 0.5015,
0.4283

■ 35.4214, 0.5194,
0.4238

■ 34.5802, 0.5242,
0.4220

Harmonies

Analogous

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



65.9232, 0.3671, 0.3499



65.9232, 0.3611, 0.3686



65.9232, 0.3420, 0.3775

Triad

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



65.9232, 0.3611, 0.3686



65.9232, 0.2695, 0.3285



65.9232, 0.3081, 0.2901

Complementary

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



65.9232, 0.3611, 0.3686



56.0928, 0.2690, 0.2858

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.



65.9232, 0.2828, 0.2837



65.9232, 0.3611, 0.3686



65.9232, 0.2613, 0.3044

Square

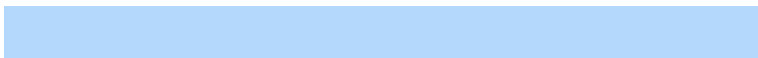
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9232, 0.3611, 0.3686



65.9232, 0.2891, 0.3540



65.9232, 0.2660, 0.2885



65.9232, 0.3357, 0.3056

Rectangle

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



65.9232, 0.3611, 0.3686



65.9232, 0.3247, 0.3758



65.9232, 0.2660, 0.2885



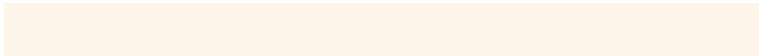
65.9232, 0.2990, 0.2868

Sweetspot

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



65.9262, 0.3611, 0.3686



93.2029, 0.3255, 0.3402



51.5312, 0.3453, 0.2974



19.6851, 0.3280, 0.3424



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.



65.9262, 0.3611, 0.3686



74.4706, 0.3739, 0.3778



80.2253, 0.3513, 0.3973



16.4621, 0.3279, 0.3423



19.3318, 0.5220, 0.4237



1.7089, 0.5039, 0.4381

Inverse Universe

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



56.0928, 0.2690, 0.2858



60.7748, 0.2587, 0.2745



44.6886, 0.2678, 0.2514



15.6310, 0.2980, 0.3154



8.9380, 0.1716, 0.1376



0.8902, 0.1790, 0.1644

Previews

White Background



This preview shows how the Yxy color 65.9232, 0.3611, 0.3686 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 65.9232, 0.3611, 0.3686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

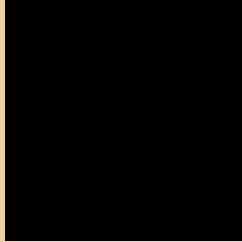
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9232, 0.3611, 0.3686

Background



This preview shows how black text looks on a background with the Yxy color 65.9232, 0.3611, 0.3686.



This preview shows how white text looks on a background with the Yxy color 65.9232, 0.3611, 0.3686.

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

65.9232, 0.3611, 0.3686

Protanopia

66.1505, 0.3498, 0.3718

Deuteranopia

65.7957, 0.3697, 0.3622



Tritanopia

65.9516, 0.3321, 0.3132

Trichromacy



Original Color

65.9232, 0.3611, 0.3686

Protanomaly

66.2637, 0.3540, 0.3714

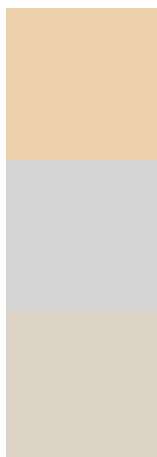
Deuteranomaly

65.5570, 0.3661, 0.3637

Tritanomaly

65.7535, 0.3423, 0.3323

Monochromacy



Original Color

65.9232, 0.3611, 0.3686

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9919, 0.3301, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9232, 0.3611, 0.3686 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(236, 208, 172)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 208, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 208, 172) }
```

Border

The CSS property to change the border of an element to Yxy 65.9232, 0.3611, 0.3686 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(236, 208, 172) }
```

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

```
.border{ border-color:rgb(236, 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(236, 208, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 208, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 208, 172);  
box-shadow:4px 4px 4px 4px rgb(236, 208,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9232, 0.3611, 0.3686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 208, 172) }
```

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

```
.background{ background-color: rgb(236,  
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](#).

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