

Converting Colors

Yxy(65.9085, 0.3573, 0.3642)

Have a look what the booklet for
Yxy(65.9085, 0.3573, 0.3642)
contains.

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Color

Yxy(65.9085, 0.3573, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	EBD0B0
RGB	235, 208, 176
RGB Percent	92%, 82%, 69%
CMY	0.0784, 0.1843, 0.3097
CMYK	0.00, 0.11, 0.25, 0.08
HSL	33°, 60%, 81%
HSV	33°, 25%, 92%
XYZ	64.6598, 65.9085, 50.3996
YIQ	212.4250, 26.3640, -4.2280

Conversions

Conversions Part 2

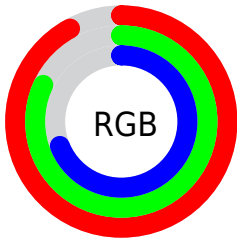
Format	Color
R_{YB}	226, 235, 176
Decimal	15454384
CIE _{Lab}	84.95, 4.62, 19.34
CIE _{LCh}	85, 19.885, 76.571
Yxy	65.9085, 0.3573, 0.3642
Android (android.graphics.Color)	4293644464 (0xFFEBD0B0)
YUV	212.4250, -17.9575, 19.7983
Hunter-Lab	81.1841, 0.0960, 20.0212

Details

The Yxy color **65.9085, 0.3573, 0.3642** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9661, 0.2725, 0.2910**, and the grayscale version is **66.2486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **34.1250, 0.3690, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **59.9878, 0.3789, 0.3789**, and if you desaturate by 10%, it is **72.3526, 0.3379, 0.3497**.

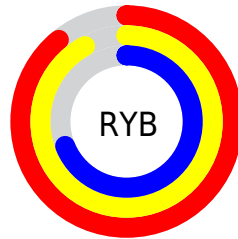
Distribution



Red (92%)

Green (82%)

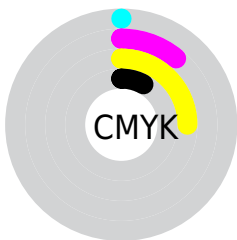
Blue (69%)



Red (89%)

Yellow (92%)

Blue (69%)

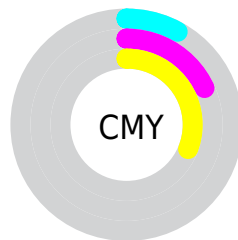


Cyan (0%)

Magenta (11%)

Yellow (25%)

Black (8%)



Cyan (8%)


Magenta (18%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9085, 0.3573, 0.3642 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 65.9085, 0.3573, 0.3642 by changing the saturation by 10% instead.


 65.9085, 0.3573,
0.3642

 65.9085, 0.3573,
0.3642


446.0496, 0.3362,
0.3479

 48.1981, 0.3622,
0.3679


 113.3550, 0.3499,
0.3585

 33.9838, 0.3683,
0.3725


143.8599, 0.3471,
0.3563

 22.8812, 0.3760,
0.3782


179.3985, 0.3446,
0.3544

 14.5058, 0.3862,
0.3857

220.3550, 0.3425,
0.3528

 8.4733, 0.4002,
0.3956

267.1141, 0.3407,
0.3513

 4.3993, 0.4203,
0.4092

320.0599, 0.3390,

 1.8993, 0.4598,

0.3501

0.4368

379.5769, 0.3376,
0.3489

0.5480, 0.5362,
0.4638

0.0000, 0.0000,
0.0000

65.9085, 0.3573,
0.3642

65.9085, 0.3573,
0.3642

59.9878, 0.3789,
0.3789

72.3526, 0.3379,
0.3497

54.5662, 0.4026,
0.3931

79.3255, 0.3207,
0.3358

49.6303, 0.4278,
0.4059

86.8442, 0.3056,
0.3227

45.1628, 0.4538,
0.4162

93.9154, 0.3006,
0.3251

■ 41.1446, 0.4791,
0.4227

■ 96.4055, 0.3005,
0.3290

■ 37.5546, 0.5023,
0.4243

■ 34.3684, 0.5219,
0.4204

■ 32.9402, 0.5305,
0.4170

Harmonies

Analogous

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



65.9085, 0.3618, 0.3469



65.9085, 0.3573, 0.3642



65.9085, 0.3406, 0.3728

Triad

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



65.9085, 0.3573, 0.3642



65.9085, 0.2743, 0.3301



65.9085, 0.3070, 0.2929

Complementary

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



65.9085, 0.3573, 0.3642



57.9661, 0.2725, 0.2910

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.



65.9085, 0.2843, 0.2878



65.9085, 0.3573, 0.3642



65.9085, 0.2660, 0.3080

Square

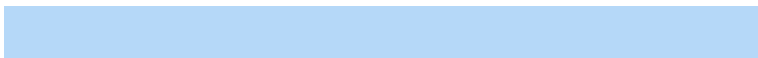
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9085, 0.3573, 0.3642



65.9085, 0.2926, 0.3529



65.9085, 0.2696, 0.2929



65.9085, 0.3321, 0.3067

Rectangle

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



65.9085, 0.3573, 0.3642



65.9085, 0.3252, 0.3717



65.9085, 0.2696, 0.2929



65.9085, 0.2989, 0.2901

Sweetspot

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



65.9115, 0.3573, 0.3642



92.9375, 0.3255, 0.3398



53.0640, 0.3415, 0.2988



19.6183, 0.3281, 0.3419



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.



65.9115, 0.3573, 0.3642



75.6598, 0.3679, 0.3716



79.8962, 0.3492, 0.3920



16.4067, 0.3279, 0.3418



18.5879, 0.5282, 0.4188



1.6517, 0.5090, 0.4340

Inverse Universe

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



57.9661, 0.2725, 0.2910



64.6050, 0.2641, 0.2822



46.5233, 0.2710, 0.2579



15.6857, 0.2980, 0.3159



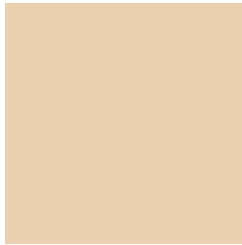
9.5138, 0.1734, 0.1443



0.9374, 0.1807, 0.1706

Previews

White Background



This preview shows how the Yxy color 65.9085, 0.3573, 0.3642 looks on a white background.

Color Contrast Check

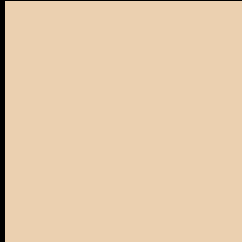
Large Text (above 18pt) WCAG AA × Fail

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 65.9085, 0.3573, 0.3642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

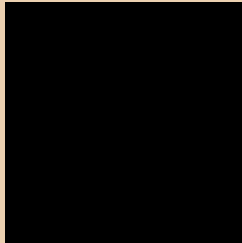
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9085, 0.3573, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 65.9085, 0.3573, 0.3642.



This preview shows how white text looks on a background with the Yxy color 65.9085, 0.3573, 0.3642.

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

65.9085, 0.3573, 0.3642

Protanopia

66.1486, 0.3461, 0.3673

Deuteranopia

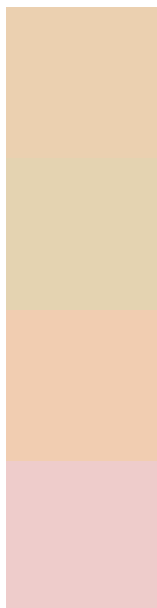
65.7725, 0.3657, 0.3580



Tritanopia

65.8283, 0.3305, 0.3121

Trichromacy



Original Color

65.9085, 0.3573, 0.3642

Protanomaly

66.2568, 0.3502, 0.3670

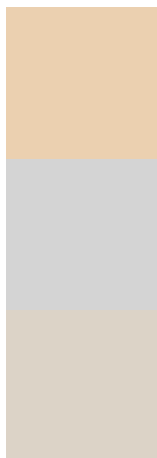
Deuteranomaly

65.5377, 0.3622, 0.3594

Tritanomaly

65.6747, 0.3400, 0.3302

Monochromacy



Original Color

65.9085, 0.3573, 0.3642

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9277, 0.3279, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9085, 0.3573, 0.3642 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(235, 208, 176)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 176)  
}
```

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(235, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 176) }
```

Border

The CSS property to change the border of an element to Yxy 65.9085, 0.3573, 0.3642 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(235, 208, 176) }
```

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

```
.border{ border-color:rgb(235, 208, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9085, 0.3573, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 176) }
```

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

```
.background{ background-color: rgb(235,  
208, 176) }
```

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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