

Converting Colors

$Yxy(65.0433, 0.3623, 0.3858)$

Have a look what the booklet for
Yxy(65.0433, 0.3623, 0.3858)
contains.

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Color

Yxy(64.9621, 0.3622, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	E3D2A0
RGB	227, 210, 160
RGB Percent	89%, 82%, 63%
CMY	0.1098, 0.1764, 0.3726
CMYK	0.00, 0.07, 0.30, 0.11
HSL	45°, 54%, 76%
HSV	45°, 30%, 89%
XYZ	61.0674, 64.9621, 42.5718
YIQ	209.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

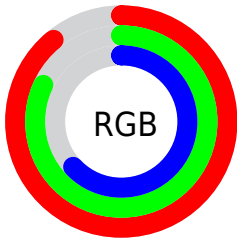
Format	Color
RYB	183, 227, 160
Decimal	14930592
CIELab	84.46, -1.59, 26.97
CIElCh	84, 27.015, 93.372
Yxy	64.9621, 0.3622, 0.3853
Android (android.graphics.Color)	4293120672 (0xFFE3D2A0)
YUV	209.3830, -24.3458, 15.4501
Hunter-Lab	80.5991, -5.8045, 25.1028

Details

The Yxy color $64.9621, 0.3622, 0.3853$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $44.4508, 0.2632, 0.2655$, and the grayscale version is $64.1734, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.6863, 0.3364, 0.3681$, and $33.5176, 0.3741, 0.3994$ is the 20% darker color. If you saturate the color by 10%, you get $61.4516, 0.3809, 0.4045$, and if you desaturate by 10%, it is $68.7257, 0.3443, 0.3658$.

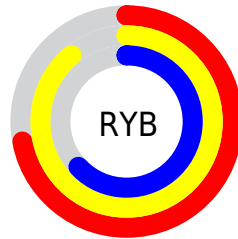
Distribution



Red (89%)

Green (82%)

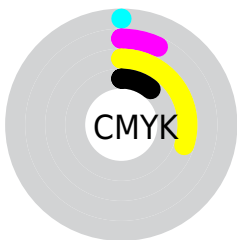
Blue (63%)



Red (72%)

Yellow (89%)

Blue (63%)

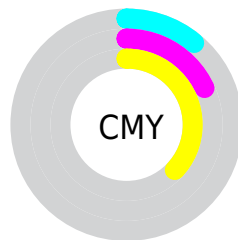


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (18%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.9621, 0.3622, 0.3853 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 64.9621, 0.3622, 0.3853 by changing the saturation by 10% instead.

 64.9621, 0.3622,
0.3853


 64.9621, 0.3622,
0.3853


442.6558, 0.3391,
0.3588

 47.4303, 0.3675,
0.3914


 111.9954, 0.3542,
0.3761

 33.3760, 0.3740,
0.3989


 142.2657, 0.3510,
0.3725

 22.4146, 0.3821,
0.4084


177.5510, 0.3483,
0.3694

 14.1619, 0.3926,
0.4207

218.2356, 0.3460,
0.3667

 8.2333, 0.4065,
0.4371

264.7040, 0.3440,
0.3644

 4.2446, 0.4250,
0.4595

317.3406, 0.3421,

 1.8113, 0.4782,

0.3623

0.5218

376.5297, 0.3405,
0.3605

0.4942, 0.4658,
0.5342

0.0000, 0.0000,
0.0000

64.9621, 0.3622,
0.3853

64.9621, 0.3622,
0.3853

61.4516, 0.3809,
0.4045

68.7257, 0.3443,
0.3658

58.1764, 0.4000,
0.4226

72.7419, 0.3275,
0.3466

55.1296, 0.4185,
0.4385

77.0214, 0.3120,
0.3281

52.3007, 0.4359,
0.4512

81.5717, 0.2979,
0.3108

■ 49.6773, 0.4511,
0.4596

■ 85.1514, 0.2955,
0.3125

■ 47.2455, 0.4634,
0.4632

■ 88.5699, 0.2956,
0.3184

■ 44.9826, 0.4729,
0.4624

■ 92.0965, 0.2957,
0.3242

■ 44.8766, 0.4734,
0.4623

■ 95.0696, 0.2958,
0.3290

Harmonies

Analogous

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



64.9621, 0.3787, 0.3668



64.9621, 0.3622, 0.3853



64.9621, 0.3327, 0.3888

Triad

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



64.9621, 0.3622, 0.3853



64.9621, 0.2527, 0.3122



64.9621, 0.3240, 0.2897

Complementary

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



64.9621, 0.3622, 0.3853



44.4508, 0.2632, 0.2655

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.



64.9621, 0.2902, 0.2760



64.9621, 0.3622, 0.3853



64.9621, 0.2506, 0.2871

Square

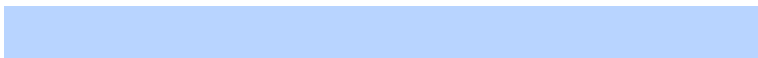
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9621, 0.3622, 0.3853



64.9621, 0.2700, 0.3445



64.9621, 0.2639, 0.2746



64.9621, 0.3562, 0.3126

Rectangle

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



64.9621, 0.3622, 0.3853



64.9621, 0.3101, 0.3807



64.9621, 0.2639, 0.2746



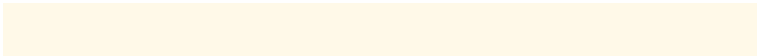
64.9621, 0.3124, 0.2839

Sweetspot

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



64.9651, 0.3622, 0.3853



94.9537, 0.3267, 0.3457



44.6757, 0.3608, 0.3084



20.1551, 0.3291, 0.3485



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.



64.9651, 0.3622, 0.3853



81.9307, 0.3728, 0.3964



71.3732, 0.3454, 0.4056



16.1661, 0.3274, 0.3465



26.3699, 0.4724, 0.4631



2.0947, 0.4630, 0.4706

Inverse Universe

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



44.4508, 0.2632, 0.2655



51.4252, 0.2526, 0.2508



39.8694, 0.2729, 0.2459



14.4778, 0.2980, 0.3109



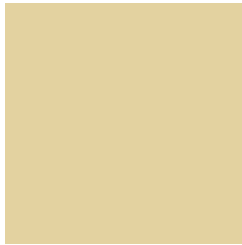
5.1298, 0.1583, 0.0899



0.5250, 0.1660, 0.1177

Previews

White Background



This preview shows how the Yxy color 64.9621, 0.3622, 0.3853 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 64.9621, 0.3622, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

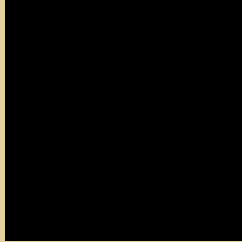
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9621, 0.3622, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 64.9621, 0.3622, 0.3853.

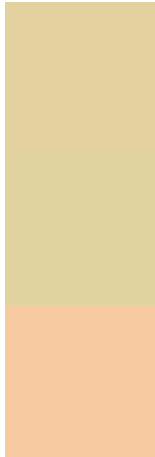


This preview shows how white text looks on a background with the Yxy color 64.9621, 0.3622, 0.3853.

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

64.9621, 0.3622, 0.3853

Protanopia

65.1341, 0.3603, 0.3867

Deuteranopia

64.8062, 0.3806, 0.3717



Tritanopia

64.7954, 0.3259, 0.3119

Trichromacy



Original Color

64.9621, 0.3622, 0.3853

Protanomaly

65.2953, 0.3611, 0.3865

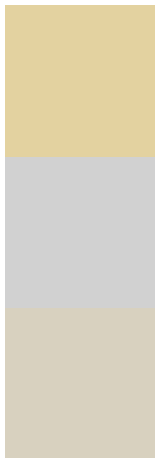
Deuteranomaly

64.7611, 0.3737, 0.3770

Tritanomaly

64.6828, 0.3388, 0.3379

Monochromacy



Original Color

64.9621, 0.3622, 0.3853

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9614, 0.3309, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9621, 0.3622, 0.3853 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(227, 210, 160)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 160)  
}
```

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(227, 210, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 160) }
```

Border

The CSS property to change the border of an element to Yxy 64.9621, 0.3622, 0.3853 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(227, 210, 160) }
```

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

```
.border{ border-color:rgb(227, 210, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 160);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9621, 0.3622, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 160) }
```

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

```
.background{ background-color: rgb(227,  
210, 160) }
```

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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