

Converting Colors

Yxy(66.1462, 0.3521, 0.3619)

Have a look what the booklet for
Yxy(66.1462, 0.3521, 0.3619)
contains.

Yxy(66.0114, 0.3524, 0.3622)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.0114, 0.3524, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	E8D1B3
RGB	232, 209, 179
RGB Percent	91%, 82%, 70%
CMY	0.0901, 0.1804, 0.2980
CMYK	0.00, 0.10, 0.23, 0.09
HSL	34°, 54%, 81%
HSV	34°, 23%, 91%
XYZ	64.2253, 66.0114, 52.0145
YIQ	212.4570, 23.3380, -4.4540

Conversions

Conversions Part 2

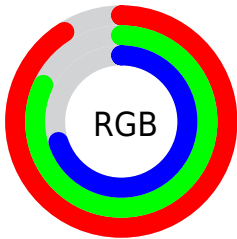
Format	Color
R _Y B	220, 232, 179
Decimal	15258035
CIE Lab	85.00, 3.40, 17.80
CIE LCh	85, 18.119, 79.170
Yxy	66.0114, 0.3524, 0.3622
Android (android.graphics.Color)	4293448115 (0xFFE8D1B3)
YUV	212.4570, -16.4943, 17.1392
Hunter-Lab	81.2474, -1.0803, 18.9158

Details

The Yxy color **66.0114, 0.3524, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.6842, 0.2762, 0.2934**, and the grayscale version is **66.2634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **34.1792, 0.3624, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **60.3602, 0.3732, 0.3775**, and if you desaturate by 10%, it is **72.1399, 0.3337, 0.3472**.

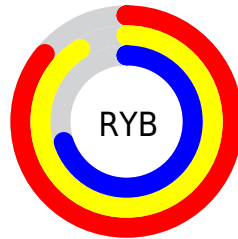
Distribution



Red (91%)

Green (82%)

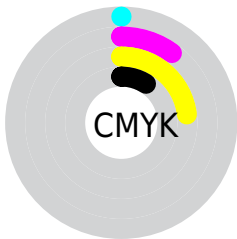
Blue (70%)



Red (86%)

Yellow (91%)

Blue (70%)

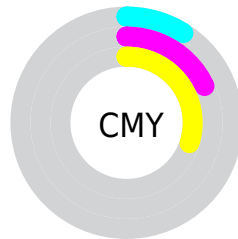


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0114, 0.3524, 0.3622 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 66.0114, 0.3524, 0.3622 by changing the saturation by 10% instead.


 66.0114, 0.3524,
0.3622

 66.0114, 0.3524,
0.3622


446.4177, 0.3337,
0.3467

 48.2817, 0.3568,
0.3657


 113.5027, 0.3458,
0.3568

 34.0500, 0.3622,
0.3701


144.0330, 0.3433,
0.3547

 22.9320, 0.3691,
0.3756


179.5990, 0.3411,
0.3529

 14.5433, 0.3782,
0.3828

220.5851, 0.3392,
0.3514

 8.4995, 0.3907,
0.3925

267.3756, 0.3376,
0.3500

 4.4162, 0.4087,
0.4061

320.3549, 0.3361,

 1.9090, 0.4417,

0.3488

0.4309

379.9075, 0.3348,
0.3477

0.5538, 0.5239,
0.4761

0.0000, 0.0000,
0.0000

66.0114, 0.3524,
0.3622

66.0114, 0.3524,
0.3622

60.3602, 0.3732,
0.3775

72.1399, 0.3337,
0.3472

55.1635, 0.3959,
0.3924

78.7495, 0.3171,
0.3329

50.4100, 0.4201,
0.4062

85.8557, 0.3024,
0.3195

46.0840, 0.4450,
0.4177

92.3380, 0.2987,
0.3233

■ 42.1688, 0.4695,
0.4256

■ 95.9014, 0.2988,
0.3290

■ 38.6454, 0.4921,
0.4290

■ 35.4926, 0.5115,
0.4269

■ 33.4441, 0.5235,
0.4226

Harmonies

Analogous

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



66.0114, 0.3575, 0.3470



66.0114, 0.3524, 0.3622



66.0114, 0.3365, 0.3690

Triad

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



66.0114, 0.3524, 0.3622



66.0114, 0.2766, 0.3282



66.0114, 0.3096, 0.2968

Complementary

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



66.0114, 0.3524, 0.3622



57.6842, 0.2762, 0.2934

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.



66.0114, 0.2884, 0.2913



66.0114, 0.3524, 0.3622



66.0114, 0.2699, 0.3085

Square

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



66.0114, 0.3524, 0.3622



66.0114, 0.2927, 0.3491



66.0114, 0.2741, 0.2953



66.0114, 0.3323, 0.3100

Rectangle

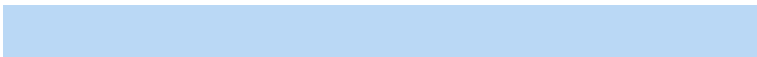
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.0114, 0.3524, 0.3622



66.0114, 0.3222, 0.3672



66.0114, 0.2741, 0.2953



66.0114, 0.3020, 0.2940

Sweetspot

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



66.0144, 0.3524, 0.3622



94.0528, 0.3238, 0.3388



53.7159, 0.3390, 0.3026



20.0244, 0.3248, 0.3397



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.



66.0144, 0.3524, 0.3622



78.7032, 0.3611, 0.3687



77.7086, 0.3452, 0.3863



15.7134, 0.3278, 0.3423



18.8160, 0.5213, 0.4243



1.5744, 0.5024, 0.4393

Inverse Universe

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



57.6842, 0.2762, 0.2934



66.8275, 0.2689, 0.2857



47.9819, 0.2759, 0.2653



14.9124, 0.2981, 0.3154



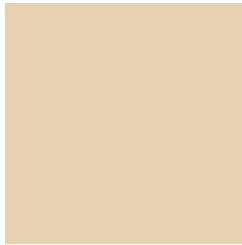
8.6238, 0.1714, 0.1371



0.8192, 0.1793, 0.1655

Previews

White Background



This preview shows how the Yxy color 66.0114, 0.3524, 0.3622 looks on a white background.

Color Contrast Check

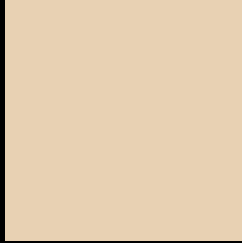
Large Text (above 18pt) WCAG AA × Fail

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 66.0114, 0.3524, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

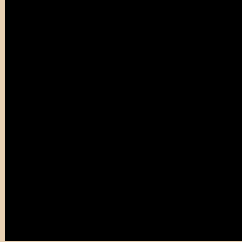
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

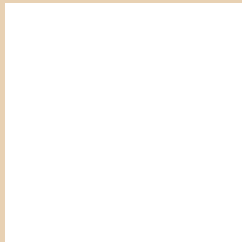
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0114, 0.3524, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 66.0114, 0.3524, 0.3622.



This preview shows how white text looks on a background with the Yxy color 66.0114, 0.3524, 0.3622.

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

66.0114, 0.3524, 0.3622

Protanopia

66.0702, 0.3438, 0.3652

Deuteranopia

65.7141, 0.3626, 0.3549



Tritanopia

65.8309, 0.3274, 0.3120

Trichromacy



Original Color

66.0114, 0.3524, 0.3622

Protanomaly

66.0526, 0.3464, 0.3638

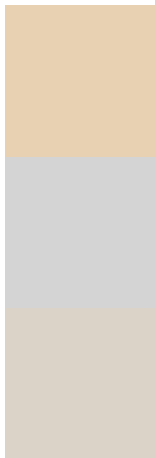
Deuteranomaly

65.9632, 0.3588, 0.3573

Tritanomaly

65.6844, 0.3367, 0.3302

Monochromacy



Original Color

66.0114, 0.3524, 0.3622

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8187, 0.3264, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0114, 0.3524, 0.3622 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(232, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 179)  
}
```

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(232, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 179) }
```

Border

The CSS property to change the border of an element to Yxy 66.0114, 0.3524, 0.3622 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(232, 209, 179) }
```

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

```
.border{ border-color:rgb(232, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0114, 0.3524, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 179) }
```

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

```
.background{ background-color: rgb(232,  
209, 179) }
```

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