

Converting Colors

Yxy(69.5598, 0.3483, 0.3728)

Have a look what the booklet for
Yxy(69.5598, 0.3483, 0.3728)
contains.

Yxy(69.3340, 0.3481, 0.3722)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.3340, 0.3481, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	E4D9B2
RGB	228, 217, 178
RGB Percent	89%, 85%, 70%
CMY	0.1059, 0.1490, 0.3018
CMYK	0.00, 0.05, 0.22, 0.11
HSL	47°, 48%, 80%
HSV	47°, 22%, 89%
XYZ	64.8446, 69.3340, 52.1030
YIQ	215.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

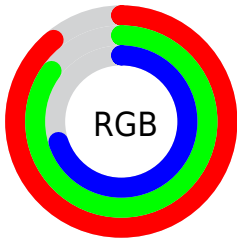
Format	Color
R _Y B	192, 228, 178
Decimal	14997938
CIE Lab	86.67, -2.37, 20.58
CIE LCh	87, 20.719, 96.582
Yxy	69.3340, 0.3481, 0.3722
Android (android.graphics.Color)	4293188018 (0xFFE4D9B2)
YUV	215.8430, -18.6566, 10.6617
Hunter-Lab	83.2670, -6.7096, 21.1872

Details

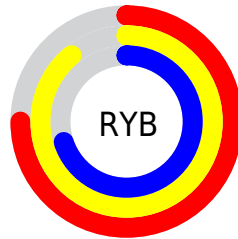
The Yxy color **69.3340, 0.3481, 0.3722** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4759, 0.2768, 0.2817**, and the grayscale version is **68.6793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **36.0920, 0.3566, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **65.9497, 0.3658, 0.3925**, and if you desaturate by 10%, it is **72.9553, 0.3313, 0.3521**.

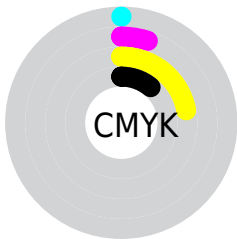
Distribution



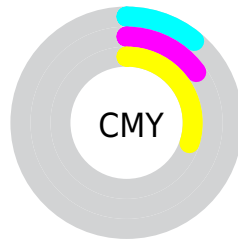
- Red (89%)
- Green (85%)
- Blue (70%)



- Red (75%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (11%)




- Cyan (11%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.3340, 0.3481, 0.3722 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 69.3340, 0.3481, 0.3722 by changing the saturation by 10% instead.


 69.3340, 0.3481,
0.3722

 69.3340, 0.3481,
0.3722

458.2081, 0.3317,
0.3520

 50.9838, 0.3518,
0.3769


 118.2585, 0.3424,
0.3651

 36.1957, 0.3564,
0.3826


149.6016, 0.3402,
0.3624

 24.5854, 0.3622,
0.3899


186.0444, 0.3383,
0.3601

 15.7684, 0.3698,
0.3995

227.9713, 0.3366,
0.3580

 9.3604, 0.3798,
0.4124

275.7667, 0.3352,
0.3562

 4.9770, 0.3939,
0.4309

329.8151, 0.3339,

 2.2338, 0.4184,

0.3547

0.4633

390.5007, 0.3327,
0.3532

0.7383, 0.4658,
0.5342

0.0000, 0.0000,
0.0000

69.3340, 0.3481,
0.3722

69.3340, 0.3481,
0.3722

65.9497, 0.3658,
0.3925

72.9553, 0.3313,
0.3521

62.7849, 0.3841,
0.4122

76.8118, 0.3156,
0.3326

59.8339, 0.4022,
0.4305

80.9141, 0.3012,
0.3142

57.0869, 0.4195,
0.4463

84.3179, 0.2961,
0.3108

■ 54.5332, 0.4351,
0.4585

■ 87.2635, 0.2962,
0.3159

■ 52.1606, 0.4483,
0.4663

■ 90.2909, 0.2963,
0.3210

■ 49.9544, 0.4587,
0.4694

■ 93.4008, 0.2963,
0.3261

■ 48.2730, 0.4651,
0.4689

■ 95.2328, 0.2964,
0.3290

Harmonies

Analogous

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



69.3340, 0.3615, 0.3599



69.3340, 0.3481, 0.3722



69.3340, 0.3254, 0.3727

Triad

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



69.3340, 0.3481, 0.3722



69.3340, 0.2664, 0.3144



69.3340, 0.3242, 0.3006

Complementary

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



69.3340, 0.3481, 0.3722



51.4759, 0.2768, 0.2817

Split Complementary

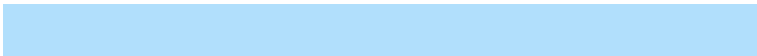
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.3340, 0.2985, 0.2892



69.3340, 0.3481, 0.3722



69.3340, 0.2660, 0.2961

Square

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



69.3340, 0.3481, 0.3722



69.3340, 0.2786, 0.3382



69.3340, 0.2775, 0.2873



69.3340, 0.3475, 0.3190

Rectangle

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



69.3340, 0.3481, 0.3722



69.3340, 0.3084, 0.3656



69.3340, 0.2775, 0.2873



69.3340, 0.3155, 0.2959

Sweetspot

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



69.3371, 0.3481, 0.3722



96.4238, 0.3235, 0.3425



52.0525, 0.3470, 0.3158



20.5742, 0.3244, 0.3437



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.



69.3371, 0.3481, 0.3722



87.4876, 0.3555, 0.3808



73.0960, 0.3358, 0.3853



16.2510, 0.3273, 0.3472



28.0592, 0.4643, 0.4696



2.2068, 0.4564, 0.4758

Inverse Universe

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



51.4759, 0.2768, 0.2817



60.8458, 0.2691, 0.2711



48.5793, 0.2859, 0.2697



14.3986, 0.2980, 0.3101



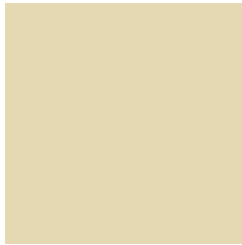
4.7026, 0.1565, 0.0835



0.4834, 0.1639, 0.1101

Previews

White Background



This preview shows how the Yxy color 69.3340, 0.3481, 0.3722 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 69.3340, 0.3481, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

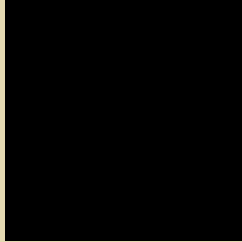
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

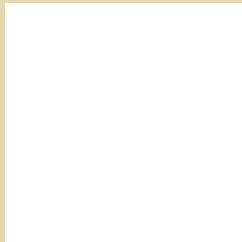
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3340, 0.3481, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 69.3340, 0.3481, 0.3722.



This preview shows how white text looks on a background with the Yxy color 69.3340, 0.3481, 0.3722.

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

69.3340, 0.3481, 0.3722

Protanopia

69.1491, 0.3499, 0.3710

Deuteranopia

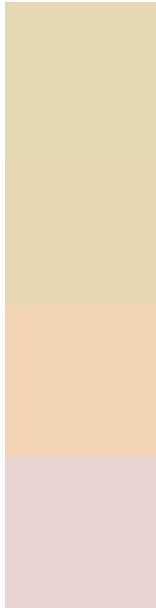
69.4054, 0.3668, 0.3595



Tritanopia

69.1317, 0.3187, 0.3110

Trichromacy



Original Color

69.3340, 0.3481, 0.3722

Protanomaly

68.9841, 0.3491, 0.3711

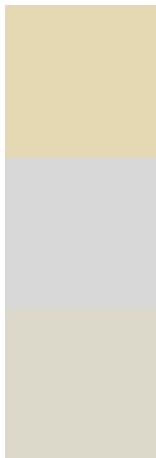
Deuteranomaly

69.3963, 0.3604, 0.3644

Tritanomaly

69.3478, 0.3297, 0.3334

Monochromacy



Original Color

69.3340, 0.3481, 0.3722

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5916, 0.3252, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3340, 0.3481, 0.3722 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(228, 217, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 178)  
}
```

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(228, 217, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 178) }
```

Border

The CSS property to change the border of an element to Yxy 69.3340, 0.3481, 0.3722 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(228, 217, 178) }
```

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

```
.border{ border-color:rgb(228, 217, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3340, 0.3481, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 178) }
```

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

```
.background{ background-color: rgb(228,  
217, 178) }
```

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