

Converting Colors

$Yxy(69.4294, 0.3463, 0.3562)$

Have a look what the booklet for
Yxy(69.4294, 0.3463, 0.3562)
contains.

Yxy(69.4294, 0.3463, 0.3562)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4294, 0.3463, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	EBD6BD
RGB	235, 214, 189
RGB Percent	92%, 84%, 74%
CMY	0.0783, 0.1608, 0.2588
CMYK	0.00, 0.09, 0.20, 0.08
HSL	33°, 54%, 83%
HSV	33°, 20%, 92%
XYZ	67.4997, 69.4294, 57.9878
YIQ	217.4290, 20.5410, -3.3230

Conversions

Conversions Part 2

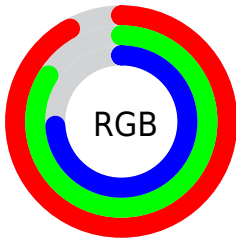
Format	Color
R _Y B	228, 235, 189
Decimal	15455933
CIE Lab	86.72, 3.35, 14.98
CIE LCh	87, 15.352, 77.397
Yxy	69.4294, 0.3463, 0.3562
Android (android.graphics.Color)	4293646013 (0xFFE6D6BD)
YUV	217.4290, -14.0155, 15.4098
Hunter-Lab	83.3243, -1.2175, 17.0654

Details

The Yxy color **69.4294, 0.3463, 0.3562** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9290, 0.2817, 0.3002**, and the grayscale version is **69.7891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **36.1576, 0.3543, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **63.2350, 0.3667, 0.3709**, and if you desaturate by 10%, it is **76.1539, 0.3281, 0.3420**.

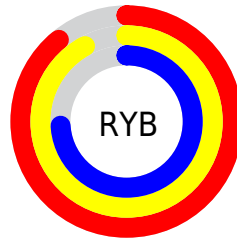
Distribution



Red (92%)

Green (84%)

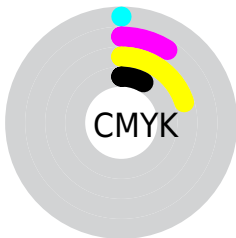
Blue (74%)



Red (89%)

Yellow (92%)

Blue (74%)

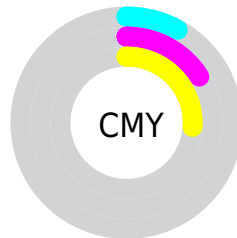


Cyan (0%)

Magenta (9%)

Yellow (20%)

Black (8%)



Cyan (8%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4294, 0.3463, 0.3562 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 69.4294, 0.3463, 0.3562 by changing the saturation by 10% instead.


 69.4294, 0.3463,
0.3562

 69.4294, 0.3463,
0.3562


458.5440, 0.3306,
0.3436

 51.0615, 0.3499,
0.3591


 118.3947, 0.3408,
0.3518

 36.2575, 0.3544,
0.3626

149.7608, 0.3387,
0.3502

 24.6332, 0.3602,
0.3670


186.2285, 0.3369,
0.3487

 15.8040, 0.3677,
0.3728

228.1822, 0.3353,
0.3474

 9.3855, 0.3780,
0.3806

276.0061, 0.3339,
0.3463

 4.9935, 0.3929,
0.3916

330.0848, 0.3327,

 2.2434, 0.4161,

0.3453

0.4080

390.8027, 0.3316,
0.3444

0.7435, 0.5147,
0.4853

0.0000, 0.0000,
0.0000

69.4294, 0.3463,
0.3562

69.4294, 0.3463,
0.3562

63.2350, 0.3667,
0.3709

76.1539, 0.3281,
0.3420

57.5464, 0.3893,
0.3855

83.4133, 0.3121,
0.3285

52.3513, 0.4137,
0.3992

90.9300, 0.3006,
0.3203

47.6328, 0.4393,
0.4111

96.4071, 0.3006,
0.3290

■ 43.3730, 0.4651,
0.4199

■ 39.5519, 0.4896,
0.4243

■ 36.1474, 0.5113,
0.4235

■ 33.1277, 0.5294,
0.4175

■ 33.0090, 0.5302,
0.4172

Harmonies

Analogous

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



69.4294, 0.3499, 0.3434



69.4294, 0.3463, 0.3562



69.4294, 0.3336, 0.3621

Triad

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



69.4294, 0.3463, 0.3562



69.4294, 0.2831, 0.3295



69.4294, 0.3090, 0.3015

Complementary

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



69.4294, 0.3463, 0.3562



62.9290, 0.2817, 0.3002

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.



69.4294, 0.2916, 0.2974



69.4294, 0.3463, 0.3562



69.4294, 0.2769, 0.3129

Square

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



69.4294, 0.3463, 0.3562



69.4294, 0.2971, 0.3466



69.4294, 0.2800, 0.3014



69.4294, 0.3280, 0.3123

Rectangle

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



69.4294, 0.3463, 0.3562



69.4294, 0.3218, 0.3609



69.4294, 0.2800, 0.3014



69.4294, 0.3028, 0.2993

Sweetspot

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



69.4325, 0.3463, 0.3562



94.6735, 0.3222, 0.3371



58.7402, 0.3339, 0.3057



20.1430, 0.3233, 0.3380



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.



69.4325, 0.3463, 0.3562



80.1029, 0.3552, 0.3628



80.5143, 0.3411, 0.3779



16.4095, 0.3279, 0.3418



18.6247, 0.5279, 0.4190



1.6545, 0.5088, 0.4342

Inverse Universe

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



62.9290, 0.2817, 0.3002



70.7812, 0.2741, 0.2927



53.4121, 0.2812, 0.2753



15.6830, 0.2980, 0.3159



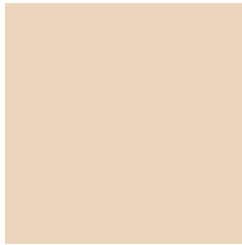
9.4839, 0.1733, 0.1440



0.9350, 0.1807, 0.1703

Previews

White Background



This preview shows how the Yxy color 69.4294, 0.3463, 0.3562 looks on a white background.

Color Contrast Check

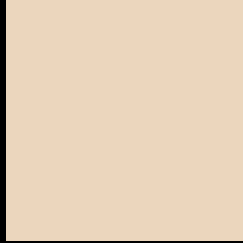
Large Text (above 18pt) WCAG AA × Fail

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 69.4294, 0.3463, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

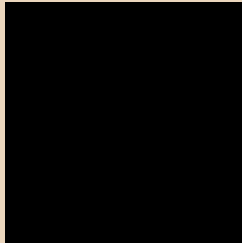
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4294, 0.3463, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 69.4294, 0.3463, 0.3562.



This preview shows how white text looks on a background with the Yxy color 69.4294, 0.3463, 0.3562.

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

69.4294, 0.3463, 0.3562

Protanopia

69.6743, 0.3388, 0.3589

Deuteranopia

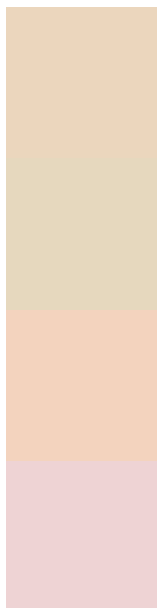
69.2751, 0.3568, 0.3491



Tritanopia

69.5624, 0.3247, 0.3123

Trichromacy



Original Color

69.4294, 0.3463, 0.3562

Protanomaly

69.6524, 0.3413, 0.3576

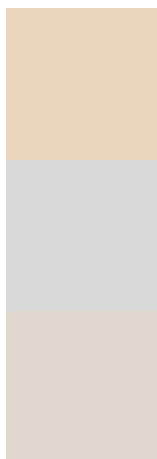
Deuteranomaly

69.3609, 0.3524, 0.3515

Tritanomaly

69.5191, 0.3323, 0.3280

Monochromacy



Original Color

69.4294, 0.3463, 0.3562

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4640, 0.3247, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4294, 0.3463, 0.3562 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, 214, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 189)  
}
```

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, 214, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 189) }
```

Border

The CSS property to change the border of an element to Yxy 69.4294, 0.3463, 0.3562 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, 214, 189) }
```

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

```
.border{ border-color:rgb(235, 214, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 189);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4294, 0.3463, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 189) }
```

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

```
.background{ background-color: rgb(235,  
214, 189) }
```

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