

Converting Colors

$Yxy(69.3232, 0.3435, 0.3566)$

Have a look what the booklet for
Yxy(69.3232, 0.3435, 0.3566)
contains.

Yxy(69.4744, 0.3430, 0.3564)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4744, 0.3430, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	E8D7BE
RGB	232, 215, 190
RGB Percent	91%, 84%, 75%
CMY	0.0904, 0.1568, 0.2549
CMYK	0.00, 0.07, 0.18, 0.09
HSL	36°, 48%, 83%
HSV	36°, 18%, 91%
XYZ	66.8623, 69.4744, 58.5971
YIQ	217.2330, 18.1570, -4.1710

Conversions

Conversions Part 2

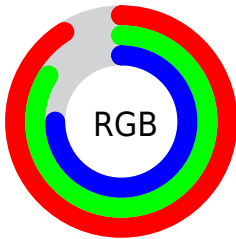
Format	Color
R _Y B	219, 232, 190
Decimal	15259582
CIE Lab	86.74, 1.85, 14.45
CIE LCh	87, 14.572, 82.725
Yxy	69.4744, 0.3430, 0.3564
Android (android.graphics.Color)	4293449662 (0xFFE8D7BE)
YUV	217.2330, -13.4259, 12.9507
Hunter-Lab	83.3513, -2.6766, 16.6642

Details

The Yxy color **69.4744, 0.3430, 0.3564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3625, 0.2840, 0.3000**, and the grayscale version is **69.6388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.1779, 0.3500, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **63.9097, 0.3624, 0.3723**, and if you desaturate by 10%, it is **75.4796, 0.3255, 0.3409**.

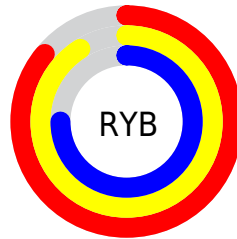
Distribution



Red (91%)

Green (84%)

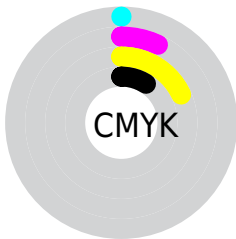
Blue (75%)



Red (86%)

Yellow (91%)

Blue (75%)

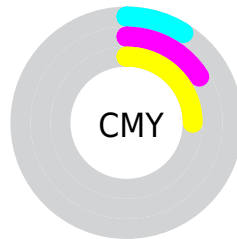


Cyan (0%)

Magenta (7%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4744, 0.3430, 0.3564 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 69.4744, 0.3430, 0.3564 by changing the saturation by 10% instead.

 69.4744, 0.3430,
0.3564

 69.4744, 0.3430,
0.3564

458.7024, 0.3288,
0.3437

 51.0982, 0.3463,
0.3593


 118.4589, 0.3381,
0.3520

 36.2867, 0.3503,
0.3629


149.8360, 0.3361,
0.3503

 24.6557, 0.3555,
0.3675


186.3154, 0.3345,
0.3488

 15.8207, 0.3622,
0.3734

228.2816, 0.3331,
0.3475

 9.3974, 0.3715,
0.3815

276.1191, 0.3318,
0.3464

 5.0013, 0.3848,
0.3929

330.2121, 0.3307,

 2.2480, 0.4056,

0.3454

0.4104

390.9450, 0.3297,
0.3445

0.7460, 0.5027,
0.4973

0.0000, 0.0000,
0.0000

69.4744, 0.3430,
0.3564

69.4744, 0.3430,
0.3564

63.9097, 0.3624,
0.3723

75.4796, 0.3255,
0.3409

58.7640, 0.3837,
0.3883

81.9275, 0.3099,
0.3263

54.0276, 0.4065,
0.4034

88.5336, 0.2987,
0.3171

49.6867, 0.4301,
0.4168

94.2841, 0.2987,
0.3265

■ 45.7264, 0.4536,
0.4273

■ 95.8886, 0.2987,
0.3290

■ 42.1304, 0.4758,
0.4336

■ 38.8800, 0.4954,
0.4348

■ 35.9510, 0.5115,
0.4308

■ 35.4225, 0.5144,
0.4297

Harmonies

Analogous

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



69.4744, 0.3481, 0.3452



69.4744, 0.3430, 0.3564



69.4744, 0.3297, 0.3605

Triad

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



69.4744, 0.3430, 0.3564



69.4744, 0.2829, 0.3265



69.4744, 0.3125, 0.3042

Complementary

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



69.4744, 0.3430, 0.3564



61.3625, 0.2840, 0.3000

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.



69.4744, 0.2953, 0.2991



69.4744, 0.3430, 0.3564



69.4744, 0.2786, 0.3114

Square

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



69.4744, 0.3430, 0.3564



69.4744, 0.2951, 0.3430



69.4744, 0.2830, 0.3015



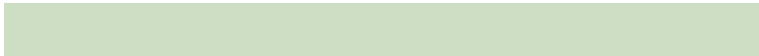
69.4744, 0.3302, 0.3155

Rectangle

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



69.4744, 0.3430, 0.3564



69.4744, 0.3182, 0.3583



69.4744, 0.2830, 0.3015



69.4744, 0.3064, 0.3018

Sweetspot

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



69.4775, 0.3430, 0.3564



95.9664, 0.3205, 0.3364



58.5017, 0.3337, 0.3098



20.4218, 0.3216, 0.3374



0.0000, 0.0000, 0.0000



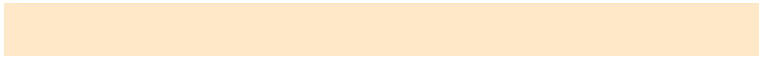
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4775, 0.3430, 0.3564



83.2936, 0.3506, 0.3628



77.9758, 0.3374, 0.3743



15.7902, 0.3278, 0.3430



19.9265, 0.5125, 0.4313



1.6536, 0.4952, 0.4450

Inverse Universe

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



61.3625, 0.2840, 0.3000



71.3482, 0.2772, 0.2927



54.0506, 0.2855, 0.2801



14.8373, 0.2981, 0.3146



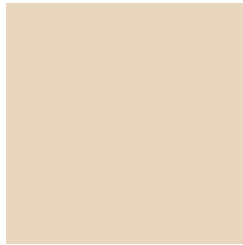
7.8749, 0.1688, 0.1278



0.7602, 0.1769, 0.1567

Previews

White Background



This preview shows how the Yxy color 69.4744, 0.3430, 0.3564 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 69.4744, 0.3430, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

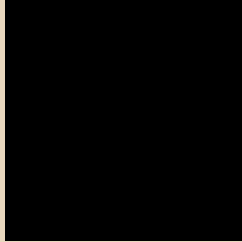
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

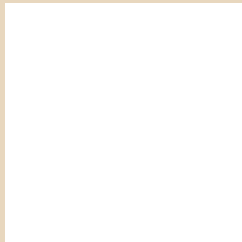
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4744, 0.3430, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 69.4744, 0.3430, 0.3564.

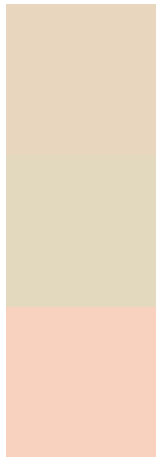


This preview shows how white text looks on a background with the Yxy color 69.4744, 0.3430, 0.3564.

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

69.4744, 0.3430, 0.3564

Protanopia

69.7182, 0.3381, 0.3577

Deuteranopia

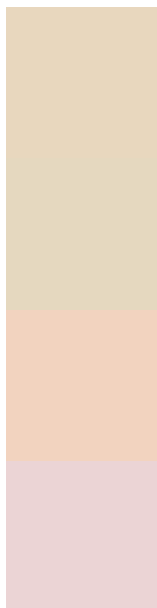
69.3190, 0.3561, 0.3480



Tritanopia

69.5887, 0.3217, 0.3122

Trichromacy



Original Color

69.4744, 0.3430, 0.3564

Protanomaly

69.5313, 0.3398, 0.3565

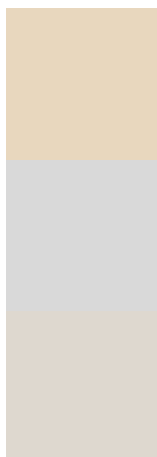
Deuteranomaly

69.2274, 0.3509, 0.3504

Tritanomaly

69.5532, 0.3292, 0.3280

Monochromacy



Original Color

69.4744, 0.3430, 0.3564

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.1463, 0.3233, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4744, 0.3430, 0.3564 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, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 215, 190)  
}
```

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, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 215, 190) }
```

Border

The CSS property to change the border of an element to Yxy 69.4744, 0.3430, 0.3564 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, 215, 190) }
```

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

```
.border{ border-color:rgb(232, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 215,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4744, 0.3430, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 215, 190) }
```

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

```
.background{ background-color: rgb(232,  
215, 190) }
```

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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