

Converting Colors

Yxy(67.2489, 0.3397, 0.3576)

Have a look what the booklet for
Yxy(67.2489, 0.3397, 0.3576)
contains.

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Color

Yxy(67.2269, 0.3394, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	E1D5BC
RGB	225, 213, 188
RGB Percent	88%, 84%, 74%
CMY	0.1178, 0.1646, 0.2628
CMYK	0.00, 0.05, 0.16, 0.12
HSL	41°, 38%, 81%
HSV	41°, 16%, 88%
XYZ	63.9126, 67.2269, 57.1711
YIQ	213.7380, 15.1770, -5.2310

Conversions

Conversions Part 2

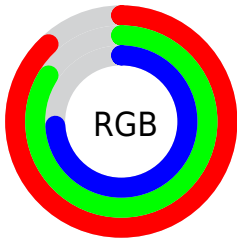
Format	Color
RYB	206, 225, 188
Decimal	14800316
CIELab	85.62, 0.04, 13.85
CIELCh	86, 13.854, 89.854
Yxy	67.2269, 0.3394, 0.3570
Android (android.graphics.Color)	4292990396 (0xFFE1D5BC)
YUV	213.7380, -12.6888, 9.8768
Hunter-Lab	81.9920, -4.3456, 16.0529

Details

The Yxy color **67.2269, 0.3394, 0.3570** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3970, 0.2866, 0.2993**, and the grayscale version is **67.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **34.6380, 0.3453, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **62.7596, 0.3577, 0.3748**, and if you desaturate by 10%, it is **72.0152, 0.3227, 0.3397**.

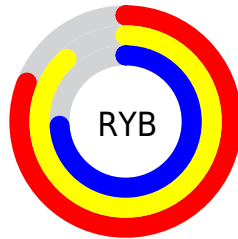
Distribution



Red (88%)

Green (84%)

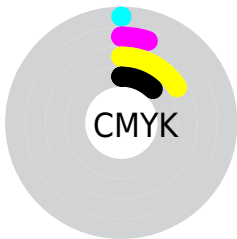
Blue (74%)



Red (81%)

Yellow (88%)

Blue (74%)

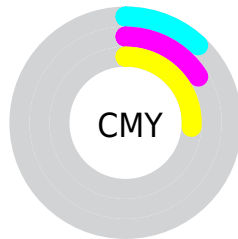


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2269, 0.3394, 0.3570 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 67.2269, 0.3394, 0.3570 by changing the saturation by 10% instead.

 67.2269, 0.3394,
0.3570

 67.2269, 0.3394,
0.3570

450.7520, 0.3269,
0.3439

 49.2690, 0.3423,
0.3600


 115.2455, 0.3350,
0.3524

 34.8330, 0.3459,
0.3638


146.0750, 0.3333,
0.3506

 23.5342, 0.3505,
0.3686


181.9638, 0.3319,
0.3491

 14.9885, 0.3565,
0.3750

223.2964, 0.3306,
0.3478

 8.8113, 0.3649,
0.3837

270.4571, 0.3295,
0.3466

 4.6183, 0.3769,
0.3963

323.8304, 0.3285,

 2.0251, 0.3959,

0.3456

0.4162

383.8005, 0.3277,
0.3447

0.6220, 0.4877,
0.5123

0.0000, 0.0000,
0.0000

67.2269, 0.3394,
0.3570

67.2269, 0.3394,
0.3570

62.7596, 0.3577,
0.3748

72.0152, 0.3227,
0.3397

58.5953, 0.3773,
0.3927

77.1242, 0.3075,
0.3233

54.7273, 0.3979,
0.4098

82.5348, 0.2942,
0.3083

51.1450, 0.4188,
0.4252

86.7769, 0.2943,
0.3159

■ 47.8372, 0.4391,
0.4378

■ 91.1909, 0.2945,
0.3233

■ 44.7914, 0.4580,
0.4464

■ 94.7421, 0.2946,
0.3289

■ 41.9930, 0.4743,
0.4503

■ 39.4245, 0.4873,
0.4490

■ 38.5563, 0.4916,
0.4479

Harmonies

Analogous

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



67.2269, 0.3464, 0.3476



67.2269, 0.3394, 0.3570



67.2269, 0.3253, 0.3589

Triad

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



67.2269, 0.3394, 0.3570



67.2269, 0.2823, 0.3229



67.2269, 0.3167, 0.3073

Complementary

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



67.2269, 0.3394, 0.3570



57.3970, 0.2866, 0.2993

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.



67.2269, 0.2996, 0.3008



67.2269, 0.3394, 0.3570



67.2269, 0.2801, 0.3092

Square

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



67.2269, 0.3394, 0.3570



67.2269, 0.2925, 0.3388



67.2269, 0.2864, 0.3014



67.2269, 0.3331, 0.3192

Rectangle

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



67.2269, 0.3394, 0.3570



67.2269, 0.3139, 0.3554



67.2269, 0.2864, 0.3014



67.2269, 0.3108, 0.3044

Sweetspot

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



67.2299, 0.3394, 0.3570



96.6063, 0.3204, 0.3373



56.1437, 0.3339, 0.3151



20.5775, 0.3215, 0.3385



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.



67.2299, 0.3394, 0.3570



87.0758, 0.3460, 0.3636



72.4913, 0.3328, 0.3703



15.2441, 0.3275, 0.3448



22.4458, 0.4902, 0.4490



1.7160, 0.4766, 0.4598

Inverse Universe

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



57.3970, 0.2866, 0.2993



71.4926, 0.2803, 0.2919



52.8797, 0.2906, 0.2854



13.9626, 0.2981, 0.3127



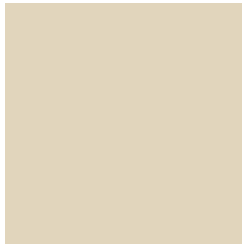
6.0424, 0.1628, 0.1059



0.5774, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 67.2269, 0.3394, 0.3570 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 67.2269, 0.3394, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

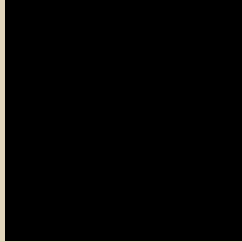
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

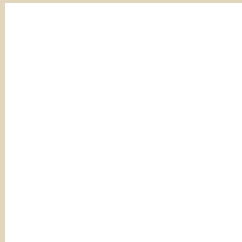
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2269, 0.3394, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 67.2269, 0.3394, 0.3570.

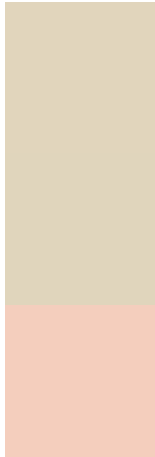


This preview shows how white text looks on a background with the Yxy color 67.2269, 0.3394, 0.3570.

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

67.2269, 0.3394, 0.3570

Protanopia

67.0666, 0.3386, 0.3570

Deuteranopia

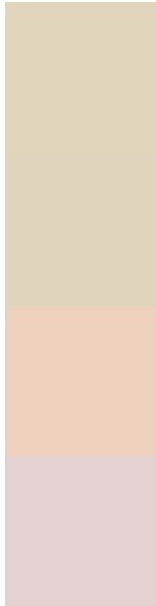
67.0498, 0.3551, 0.3473



Tritanopia

67.3166, 0.3180, 0.3119

Trichromacy



Original Color

67.2269, 0.3394, 0.3570

Protanomaly

67.0666, 0.3386, 0.3570

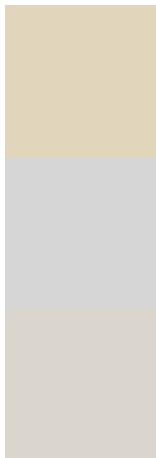
Deuteranomaly

67.2796, 0.3489, 0.3508

Tritanomaly

67.2903, 0.3256, 0.3279

Monochromacy



Original Color

67.2269, 0.3394, 0.3570

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4063, 0.3219, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2269, 0.3394, 0.3570 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(225, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(225, 213, 188)  
}
```

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(225, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 213, 188) }
```

Border

The CSS property to change the border of an element to Yxy 67.2269, 0.3394, 0.3570 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(225, 213, 188) }
```

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

```
.border{ border-color:rgb(225, 213, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 213, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 213, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 213, 188); box-shadow:4px 4px 4px 4px rgb(225, 213, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2269, 0.3394, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 213, 188) }
```

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

```
.background{ background-color: rgb(225,  
213, 188) }
```

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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