

Converting Colors

$Y_{xy}(72.3078, 0.3303, 0.3461)$

Have a look what the booklet for
Yxy(72.3078, 0.3303, 0.3461)
contains.

Yxy(72.3690, 0.3308, 0.3464)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.3690, 0.3308, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	E6DCCC
RGB	230, 220, 204
RGB Percent	90%, 86%, 80%
CMY	0.0983, 0.1372, 0.2001
CMYK	0.00, 0.04, 0.11, 0.10
HSL	37°, 34%, 85%
HSV	37°, 11%, 90%
XYZ	69.1099, 72.3690, 67.4385
YIQ	221.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

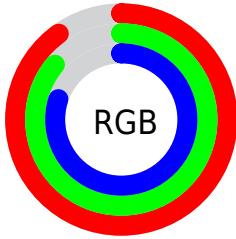
Format	Color
R _Y B	220, 230, 204
Decimal	15129804
CIE Lab	88.15, 0.71, 9.08
CIE LCh	88, 9.107, 85.550
Yxy	72.3690, 0.3308, 0.3464
Android (android.graphics.Color)	4293319884 (0xFFE6DCCC)
YUV	221.1660, -8.4628, 7.7474
Hunter-Lab	85.0700, -3.8611, 12.5473

Details

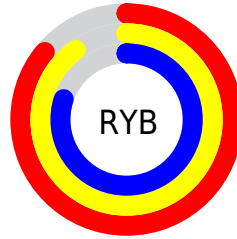
The Yxy color **72.3690, 0.3308, 0.3464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5863, 0.2951, 0.3110**, and the grayscale version is **72.4800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1109, 0.3346, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **66.8577, 0.3488, 0.3626**, and if you desaturate by 10%, it is **78.2919, 0.3147, 0.3309**.

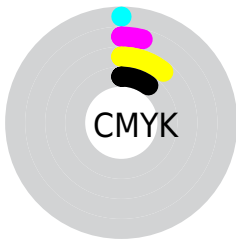
Distribution



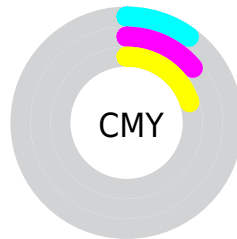
- Red (90%)
- Green (86%)
- Blue (80%)



- Red (86%)
- Yellow (90%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3690, 0.3308, 0.3464 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 72.3690, 0.3308, 0.3464 by changing the saturation by 10% instead.

■ 72.3690, 0.3308,
0.3464

■ 72.3690, 0.3308,
0.3464

468.8249, 0.3224,
0.3384

■ 53.4602, 0.3327,
0.3482

122.5810, 0.3279,
0.3436

■ 38.1702, 0.3351,
0.3505

154.6530, 0.3268,
0.3425

■ 26.1148, 0.3381,
0.3534

191.8814, 0.3258,
0.3416

■ 16.9096, 0.3421,
0.3572

234.6508, 0.3249,
0.3408

■ 10.1700, 0.3475,
0.3623

283.3454, 0.3242,
0.3401

■ 5.5118, 0.3553,
0.3697

338.3497, 0.3235,

■ 2.5506, 0.3676,

0.3394

0.3812

400.0481, 0.3229,
0.3389

0.9019, 0.4119,
0.4247

0.0000, 0.0000,
0.0000

72.3690, 0.3308,
0.3464

72.3690, 0.3308,
0.3464

66.8577, 0.3488,
0.3626

78.2919, 0.3147,
0.3309

61.7377, 0.3685,
0.3791

84.6271, 0.3003,
0.3164

57.0007, 0.3899,
0.3954

90.1761, 0.2975,
0.3203

52.6345, 0.4124,
0.4106

95.5539, 0.2975,
0.3290

■ 48.6263, 0.4352,
0.4236

■ 44.9616, 0.4575,
0.4333

■ 41.6247, 0.4780,
0.4385

■ 38.5972, 0.4954,
0.4385

■ 36.1897, 0.5082,
0.4347

Harmonies

Analogous

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



72.3690, 0.3344, 0.3400



72.3690, 0.3308, 0.3464



72.3690, 0.3224, 0.3482

Triad

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



72.3690, 0.3308, 0.3464



72.3690, 0.2938, 0.3267



72.3690, 0.3137, 0.3140

Complementary

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



72.3690, 0.3308, 0.3464



66.5863, 0.2951, 0.3110

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.



72.3690, 0.3029, 0.3105



72.3690, 0.3308, 0.3464



72.3690, 0.2915, 0.3175

Square

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



72.3690, 0.3308, 0.3464



72.3690, 0.3010, 0.3367



72.3690, 0.2948, 0.3117



72.3690, 0.3244, 0.3214

Rectangle

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



72.3690, 0.3308, 0.3464



72.3690, 0.3152, 0.3464



72.3690, 0.2948, 0.3117



72.3690, 0.3100, 0.3124

Sweetspot

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



72.3722, 0.3308, 0.3464



97.6665, 0.3173, 0.3335



64.8412, 0.3255, 0.3182



20.7729, 0.3186, 0.3348



0.0000, 0.0000, 0.0000



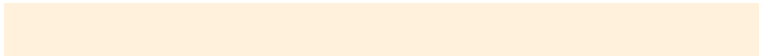
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3722, 0.3308, 0.3464



89.5152, 0.3356, 0.3509



77.2388, 0.3274, 0.3570



15.8438, 0.3277, 0.3435



20.7427, 0.5064, 0.4361



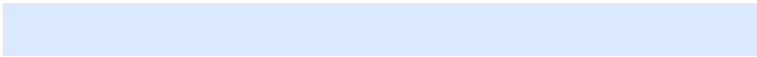
1.7110, 0.4903, 0.4489

Inverse Universe

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



66.5863, 0.2951, 0.3110



80.5696, 0.2906, 0.3061



62.1524, 0.2971, 0.2998



14.7852, 0.2981, 0.3141



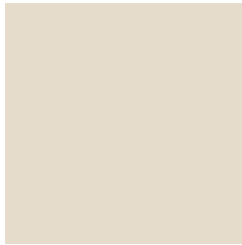
7.3919, 0.1671, 0.1215



0.7213, 0.1752, 0.1507

Previews

White Background



This preview shows how the Yxy color 72.3690, 0.3308, 0.3464 looks on a white background.

Color Contrast Check

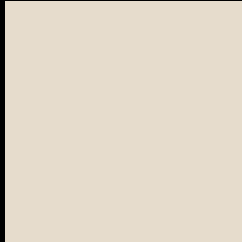
Large Text (above 18pt) WCAG AA × Fail

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 72.3690, 0.3308, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

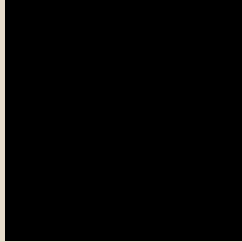
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

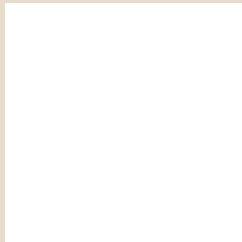
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3690, 0.3308, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 72.3690, 0.3308, 0.3464.

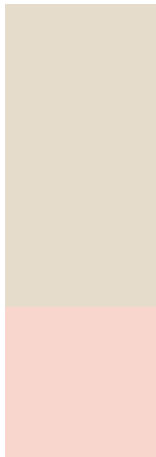


This preview shows how white text looks on a background with the Yxy color 72.3690, 0.3308, 0.3464.

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

72.3690, 0.3308, 0.3464

Protanopia

72.2040, 0.3301, 0.3464

Deuteranopia

71.9527, 0.3448, 0.3374



Tritanopia

72.4874, 0.3143, 0.3112

Trichromacy



Original Color

72.3690, 0.3308, 0.3464

Protanomaly

72.2040, 0.3301, 0.3464

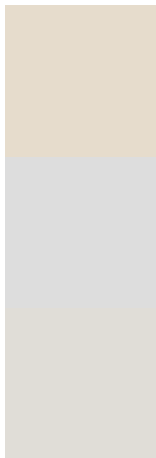
Deuteranomaly

72.2203, 0.3389, 0.3407

Tritanomaly

72.2233, 0.3209, 0.3237

Monochromacy



Original Color

72.3690, 0.3308, 0.3464

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4665, 0.3188, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3690, 0.3308, 0.3464 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(230, 220, 204) looks like.

```
.text, #text, p{  
    color:rgb(230, 220, 204)  
}
```

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(230, 220, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 220, 204) }
```

Border

The CSS property to change the border of an element to Yxy 72.3690, 0.3308, 0.3464 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(230, 220, 204) }
```

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

```
.border{ border-color:rgb(230, 220, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 220, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 220, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 220, 204);  
box-shadow:4px 4px 4px 4px rgb(230, 220,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3690, 0.3308, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 220, 204) }
```

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

```
.background{ background-color: rgb(230,  
220, 204) }
```

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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