

Converting Colors

Yxy(68.7320, 0.3312, 0.3467)

Have a look what the booklet for
Yxy(68.7320, 0.3312, 0.3467)
contains.

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Color

Yxy(68.7320, 0.3312, 0.3467)

Conversions

Conversions Part 1

Format	Color
Hex	E1D7C7
RGB	225, 215, 199
RGB Percent	88%, 84%, 78%
CMY	0.1177, 0.1568, 0.2195
CMYK	0.00, 0.04, 0.12, 0.12
HSL	37°, 30%, 83%
HSV	37°, 12%, 88%
XYZ	65.6592, 68.7320, 63.8551
YIQ	216.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

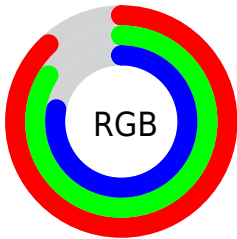
Format	Color
R _Y B	215, 225, 199
Decimal	14800839
CIE Lab	86.37, 0.75, 9.09
CIE LCh	86, 9.125, 85.316
Yxy	68.7320, 0.3312, 0.3467
Android (android.graphics.Color)	4292990919 (0xFFE1D7C7)
YUV	216.1660, -8.4628, 7.7474
Hunter-Lab	82.9048, -3.7143, 12.3668

Details

The Yxy color **68.7320, 0.3312, 0.3467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1842, 0.2948, 0.3107**, and the grayscale version is **68.8430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7320, 0.3363, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **63.4776, 0.3492, 0.3628**, and if you desaturate by 10%, it is **74.3798, 0.3150, 0.3313**.

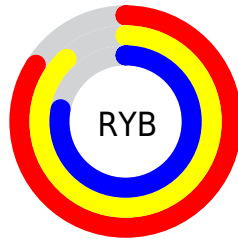
Distribution



Red (88%)

Green (84%)

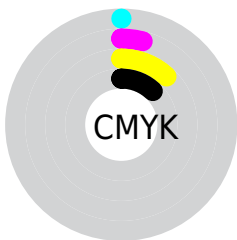
Blue (78%)



Red (84%)

Yellow (88%)

Blue (78%)

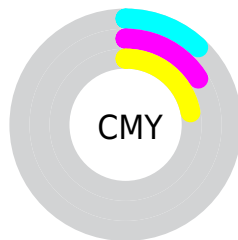


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.7320, 0.3312, 0.3467 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 68.7320, 0.3312, 0.3467 by changing the saturation by 10% instead.

■ 68.7320, 0.3312,
0.3467

■ 68.7320, 0.3312,
0.3467

456.0852, 0.3225,
0.3384

■ 50.4935, 0.3332,
0.3486

117.3987, 0.3282,
0.3438

■ 35.8057, 0.3357,
0.3510

148.5957, 0.3270,
0.3427

■ 24.2841, 0.3389,
0.3540

184.8809, 0.3260,
0.3417

■ 15.5445, 0.3431,
0.3580

226.6389, 0.3251,
0.3409

■ 9.2024, 0.3488,
0.3634

274.2539, 0.3244,
0.3402

■ 4.8735, 0.3573,
0.3714

328.1103, 0.3237,

■ 2.1732, 0.3708,

0.3395

388.5926, 0.3231,
0.3390

0.3840

0.7053, 0.4512,
0.4622

0.0000, 0.0000,
0.0000

68.7320, 0.3312,
0.3467

68.7320, 0.3312,
0.3467

63.4776, 0.3492,
0.3628

74.3798, 0.3150,
0.3313

58.5971, 0.3690,
0.3793

80.4216, 0.3007,
0.3168

54.0826, 0.3904,
0.3955

86.1054, 0.2943,
0.3147

49.9227, 0.4129,
0.4105

91.3452, 0.2945,
0.3235

■ 46.1048, 0.4359,
0.4235

■ 94.7450, 0.2946,
0.3289

■ 42.6153, 0.4582,
0.4330

■ 39.4391, 0.4787,
0.4381

■ 36.5587, 0.4962,
0.4380

■ 34.3303, 0.5087,
0.4343

Harmonies

Analogous

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



68.7320, 0.3348, 0.3401



68.7320, 0.3312, 0.3467



68.7320, 0.3226, 0.3486

Triad

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



68.7320, 0.3312, 0.3467



68.7320, 0.2934, 0.3267



68.7320, 0.3137, 0.3137

Complementary

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



68.7320, 0.3312, 0.3467



63.1842, 0.2948, 0.3107

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.



68.7320, 0.3026, 0.3101



68.7320, 0.3312, 0.3467



68.7320, 0.2911, 0.3174

Square

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



68.7320, 0.3312, 0.3467



68.7320, 0.3008, 0.3369



68.7320, 0.2945, 0.3114



68.7320, 0.3246, 0.3212

Rectangle

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



68.7320, 0.3312, 0.3467



68.7320, 0.3153, 0.3468



68.7320, 0.2945, 0.3114



68.7320, 0.3098, 0.3120

Sweetspot

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



68.7350, 0.3312, 0.3467



97.6554, 0.3173, 0.3335



61.4887, 0.3255, 0.3175



20.7699, 0.3186, 0.3347



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.



68.7350, 0.3312, 0.3467



89.4664, 0.3356, 0.3508



73.5576, 0.3280, 0.3576



15.0985, 0.3277, 0.3434



20.0185, 0.5069, 0.4357



1.5593, 0.4899, 0.4493

Inverse Universe

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



63.1842, 0.2948, 0.3107



80.6161, 0.2906, 0.3062



58.7995, 0.2964, 0.2991



14.1026, 0.2981, 0.3142



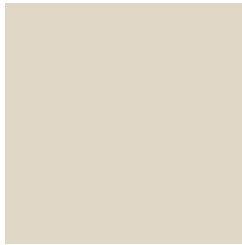
7.2214, 0.1673, 0.1224



0.6701, 0.1759, 0.1532

Previews

White Background



This preview shows how the Yxy color 68.7320, 0.3312, 0.3467 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 68.7320, 0.3312, 0.3467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

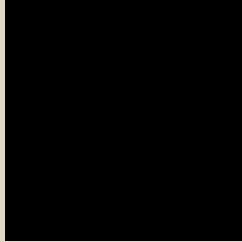
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

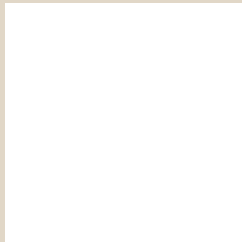
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.7320, 0.3312, 0.3467

Background



This preview shows how black text looks on a background with the Yxy color 68.7320, 0.3312, 0.3467.

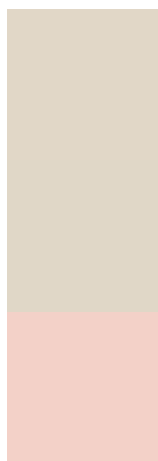


This preview shows how white text looks on a background with the Yxy color 68.7320, 0.3312, 0.3467.

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

68.7320, 0.3312, 0.3467

Protanopia

68.5717, 0.3305, 0.3468

Deuteranopia

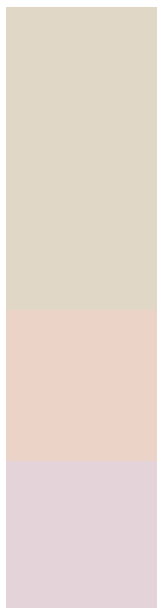
68.8257, 0.3453, 0.3386



Tritanopia

68.7926, 0.3150, 0.3119

Trichromacy



Original Color

68.7320, 0.3312, 0.3467

Protanomaly

68.5717, 0.3305, 0.3468

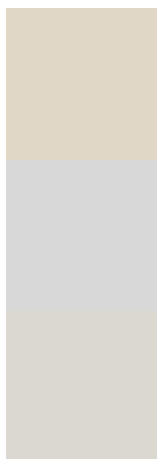
Deuteranomaly

68.5915, 0.3395, 0.3409

Tritanomaly

68.5907, 0.3211, 0.3236

Monochromacy



Original Color

68.7320, 0.3312, 0.3467

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.8249, 0.3190, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7320, 0.3312, 0.3467 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, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(225, 215, 199)  
}
```

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, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 215, 199) }
```

Border

The CSS property to change the border of an element to Yxy 68.7320, 0.3312, 0.3467 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, 215, 199) }
```

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

```
.border{ border-color:rgb(225, 215, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(225, 215,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7320, 0.3312, 0.3467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 215, 199) }
```

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

```
.background{ background-color: rgb(225,  
215, 199) }
```

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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