

Converting Colors

$Yxy(68.0352, 0.3417, 0.3526)$

Have a look what the booklet for
Yxy(68.0352, 0.3417, 0.3526)
contains.

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Color

Yxy(67.8375, 0.3421, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	E7D4BF
RGB	231, 212, 191
RGB Percent	91%, 83%, 75%
CMY	0.0940, 0.1686, 0.2509
CMYK	0.00, 0.08, 0.17, 0.09
HSL	31°, 45%, 83%
HSV	31°, 17%, 91%
XYZ	65.9108, 67.8375, 58.9171
YIQ	215.2870, 18.0650, -2.5030

Conversions

Conversions Part 2

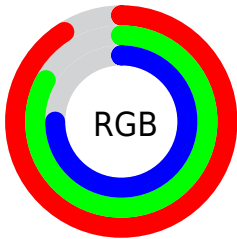
Format	Color
R _Y B	227, 231, 191
Decimal	15193279
CIE Lab	85.93, 3.23, 12.76
CIE LCh	86, 13.160, 75.785
Yxy	67.8375, 0.3421, 0.3521
Android (android.graphics.Color)	4293383359 (0xFFE7D4BF)
YUV	215.2870, -11.9735, 13.7803
Hunter-Lab	82.3635, -1.2928, 15.2426

Details

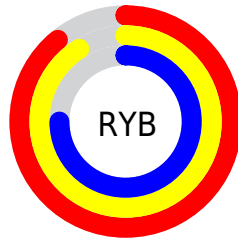
The Yxy color $67.8375, 0.3421, 0.3521$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.9674, 0.2854, 0.3048$, and the grayscale version is $68.2377, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.4954, 0.3173, 0.3367$, and $35.0629, 0.3489, 0.3564$ is the 20% darker color. If you saturate the color by 10%, you get $61.5932, 0.3622, 0.3662$, and if you desaturate by 10%, it is $74.6224, 0.3243, 0.3385$.

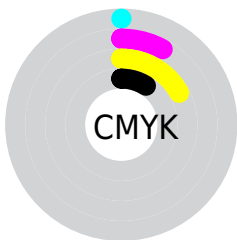
Distribution



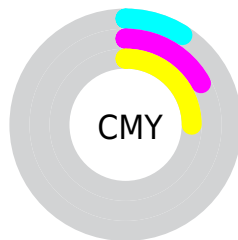
- Red (91%)
- Green (83%)
- Blue (75%)



- Red (89%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (9%)




- Cyan (9%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8375, 0.3421, 0.3521 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 67.8375, 0.3421, 0.3521 by changing the saturation by 10% instead.


 67.8375, 0.3421,
0.3521

 67.8375, 0.3421,
0.3521

452.9201, 0.3283,
0.3414

 49.7655, 0.3453,
0.3546


 116.1196, 0.3373,
0.3484

 35.2271, 0.3493,
0.3576

147.0986, 0.3354,
0.3469

 23.8379, 0.3544,
0.3614


183.1487, 0.3338,
0.3457

 15.2134, 0.3611,
0.3665

224.6544, 0.3324,
0.3446

 8.9693, 0.3704,
0.3733

271.9999, 0.3312,
0.3436

 4.7212, 0.3840,
0.3831

325.5698, 0.3301,

 2.0846, 0.4055,

0.3428

0.3980

385.7484, 0.3291,
0.3420

0.6559, 0.5171,
0.4829

0.0000, 0.0000,
0.0000

67.8375, 0.3421,
0.3521

67.8375, 0.3421,
0.3521

61.5932, 0.3622,
0.3662

74.6224, 0.3243,
0.3385

55.8654, 0.3846,
0.3804

81.9529, 0.3087,
0.3256

50.6415, 0.4091,
0.3940

89.4981, 0.2981,
0.3189

45.9048, 0.4351,
0.4059

95.7341, 0.2982,
0.3290

■ 41.6374, 0.4618,
0.4151

■ 37.8195, 0.4877,
0.4203

■ 34.4295, 0.5111,
0.4203

■ 31.4410, 0.5307,
0.4149

■ 30.7000, 0.5356,
0.4129

Harmonies

Analogous

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



67.8375, 0.3447, 0.3408



67.8375, 0.3421, 0.3521



67.8375, 0.3315, 0.3575

Triad

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



67.8375, 0.3421, 0.3521



67.8375, 0.2876, 0.3303



67.8375, 0.3087, 0.3047

Complementary

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



67.8375, 0.3421, 0.3521



62.9674, 0.2854, 0.3048

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.



67.8375, 0.2937, 0.3016



67.8375, 0.3421, 0.3521



67.8375, 0.2818, 0.3159

Square

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



67.8375, 0.3421, 0.3521



67.8375, 0.3000, 0.3448



67.8375, 0.2840, 0.3055



67.8375, 0.3251, 0.3139

Rectangle

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



67.8375, 0.3421, 0.3521



67.8375, 0.3215, 0.3567



67.8375, 0.2840, 0.3055



67.8375, 0.3033, 0.3030

Sweetspot

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



67.8405, 0.3421, 0.3521



95.3968, 0.3206, 0.3355



58.9325, 0.3305, 0.3078



20.2834, 0.3217, 0.3364



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.



67.8405, 0.3421, 0.3521



81.8283, 0.3494, 0.3574



77.8149, 0.3382, 0.3721



15.6122, 0.3279, 0.3413



17.4562, 0.5332, 0.4148



1.4758, 0.5121, 0.4316

Inverse Universe

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



62.9674, 0.2854, 0.3048



74.5967, 0.2792, 0.2988



54.2035, 0.2848, 0.2821



15.0125, 0.2981, 0.3164



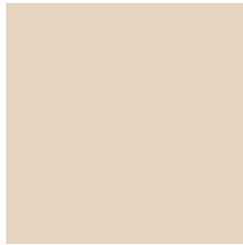
9.7179, 0.1751, 0.1502



0.9031, 0.1826, 0.1774

Previews

White Background



This preview shows how the Yxy color 67.8375, 0.3421, 0.3521 looks on a white background.

Color Contrast Check

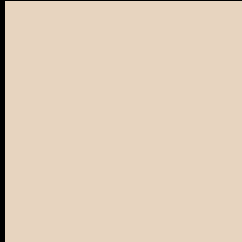
Large Text (above 18pt) WCAG AA × Fail

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 67.8375, 0.3421, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

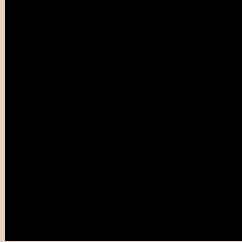
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

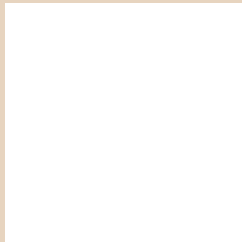
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8375, 0.3421, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 67.8375, 0.3421, 0.3521.



This preview shows how white text looks on a background with the Yxy color 67.8375, 0.3421, 0.3521.

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

67.8375, 0.3421, 0.3521

Protanopia

67.7462, 0.3356, 0.3536

Deuteranopia

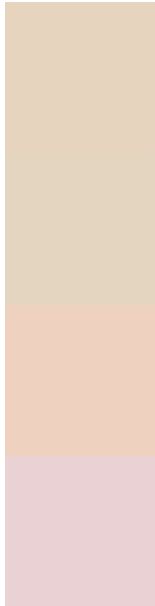
67.6645, 0.3526, 0.3451



Tritanopia

67.6155, 0.3226, 0.3120

Trichromacy



Original Color

67.8375, 0.3421, 0.3521

Protanomaly

67.7252, 0.3381, 0.3523

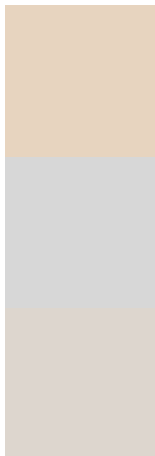
Deuteranomaly

67.7574, 0.3482, 0.3474

Tritanomaly

67.7965, 0.3302, 0.3269

Monochromacy



Original Color

67.8375, 0.3421, 0.3521

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9215, 0.3234, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8375, 0.3421, 0.3521 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(231, 212, 191)` looks like.

```
.text, #text, p{  
    color:rgb(231, 212, 191)  
}
```

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(231, 212, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 212, 191) }
```

Border

The CSS property to change the border of an element to Yxy 67.8375, 0.3421, 0.3521 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(231, 212, 191) }
```

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

```
.border{ border-color:rgb(231, 212, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 212, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 212, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 212, 191);  
box-shadow:4px 4px 4px 4px rgb(231, 212,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8375, 0.3421, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 212, 191) }
```

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

```
.background{ background-color: rgb(231,  
212, 191) }
```

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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