

Converting Colors

Yxy(63.7865, 0.3401, 0.3402)

Have a look what the booklet for
Yxy(63.7865, 0.3401, 0.3402)
contains.

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Color

Yxy(63.7388, 0.3397, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	E5CCC2
RGB	229, 204, 194
RGB Percent	90%, 80%, 76%
CMY	0.1019, 0.2000, 0.2393
CMYK	0.00, 0.11, 0.15, 0.10
HSL	17°, 40%, 83%
HSV	17°, 15%, 90%
XYZ	63.6451, 63.7388, 59.9729
YIQ	210.3350, 18.1100, 2.1900

Conversions

Conversions Part 2

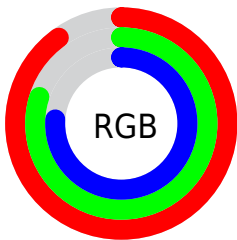
Format	Color
R _Y B	229, 208, 194
Decimal	15060162
CIE Lab	83.83, 7.13, 8.18
CIE LCh	84, 10.851, 48.895
Yxy	63.7388, 0.3397, 0.3402
Android (android.graphics.Color)	4293250242 (0xFFE5CCC2)
YUV	210.3350, -8.0532, 16.3692
Hunter-Lab	79.8366, 2.5848, 11.3472

Details

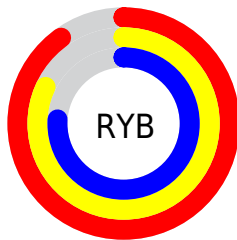
The Yxy color **63.7388, 0.3397, 0.3402** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.7828, 0.2891, 0.3175**, and the grayscale version is **64.7272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **32.5904, 0.3466, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **55.4224, 0.3616, 0.3481**, and if you desaturate by 10%, it is **73.0353, 0.3213, 0.3327**.

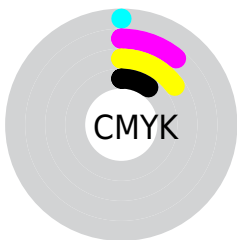
Distribution



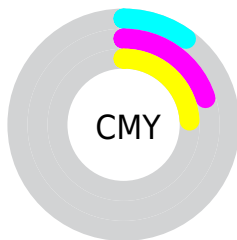
- Red (90%)
- Green (80%)
- Blue (76%)



- Red (90%)
- Yellow (82%)
- Blue (76%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (10%)




- Cyan (10%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7388, 0.3397, 0.3402 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 63.7388, 0.3397, 0.3402 by changing the saturation by 10% instead.


 63.7388, 0.3397,
0.3402

 63.7388, 0.3397,
0.3402


438.2458, 0.3268,
0.3350

 46.4392, 0.3427,
0.3414


 110.2347, 0.3352,
0.3384

 32.5925, 0.3465,
0.3428


140.1997, 0.3334,
0.3377

 21.8145, 0.3514,
0.3447


175.1553, 0.3319,
0.3371

 13.7206, 0.3580,
0.3470

215.4859, 0.3306,
0.3366

 7.9266, 0.3672,
0.3503

261.5758, 0.3295,
0.3361

 4.0480, 0.3811,
0.3548

313.8095, 0.3285,

 1.7005, 0.4042,

0.3357

0.3616

372.5714, 0.3276,
0.3354

0.4240, 0.5765,
0.4235

0.0000, 0.0000,
0.0000

63.7388, 0.3397,
0.3402

63.7388, 0.3397,
0.3402

55.4224, 0.3616,
0.3481

73.0353, 0.3213,
0.3327

48.0452, 0.3875,
0.3560

83.3342, 0.3058,
0.3258

41.5761, 0.4177,
0.3637

94.1628, 0.2970,
0.3270

35.9787, 0.4518,
0.3702

95.4007, 0.2970,
0.3290

■ 31.2143, 0.4890,
0.3746

■ 27.2409, 0.5268,
0.3758

■ 24.0124, 0.5620,
0.3726

■ 21.4770, 0.5907,
0.3648

■ 20.5019, 0.6018,
0.3604

Harmonies

Analogous

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



63.7388, 0.3352, 0.3286



63.7388, 0.3397, 0.3402



63.7388, 0.3368, 0.3492

Triad

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



63.7388, 0.3397, 0.3402



63.7388, 0.3008, 0.3411



63.7388, 0.2979, 0.3059

Complementary

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



63.7388, 0.3397, 0.3402



67.7828, 0.2891, 0.3175

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.



63.7388, 0.2891, 0.3086



63.7388, 0.3397, 0.3402



63.7388, 0.2907, 0.3288

Square

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



63.7388, 0.3397, 0.3402



63.7388, 0.3142, 0.3501



63.7388, 0.2865, 0.3169



63.7388, 0.3108, 0.3091

Rectangle

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



63.7388, 0.3397, 0.3402



63.7388, 0.3311, 0.3525



63.7388, 0.2865, 0.3169



63.7388, 0.2944, 0.3061

Sweetspot

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



63.7416, 0.3397, 0.3402



93.5353, 0.3208, 0.3326



60.3533, 0.3219, 0.3016



19.8315, 0.3220, 0.3331



0.0000, 0.0000, 0.0000



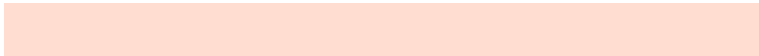
21.4041, 0.3127, 0.3290

Same Dimension

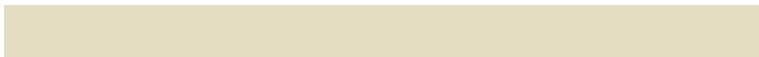
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7416, 0.3397, 0.3402



78.2347, 0.3455, 0.3424



72.4922, 0.3368, 0.3590



15.0362, 0.3285, 0.3358



11.8982, 0.5991, 0.3625



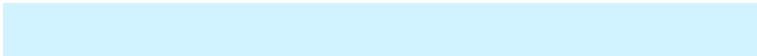
1.0340, 0.5703, 0.3854

Inverse Universe

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



67.7828, 0.2891, 0.3175



84.2152, 0.2848, 0.3152



59.1634, 0.2883, 0.2971



15.6029, 0.2981, 0.3221



18.5241, 0.1982, 0.2333



1.5256, 0.2025, 0.2490

Previews

White Background



This preview shows how the Yxy color 63.7388, 0.3397, 0.3402 looks on a white background.

Color Contrast Check

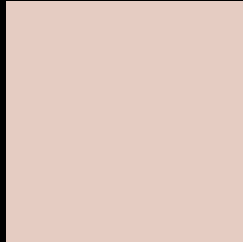
Large Text (above 18pt) WCAG AA × Fail

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 63.7388, 0.3397, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

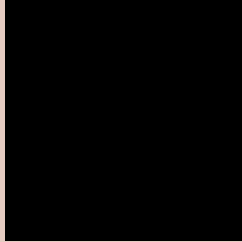
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.7388, 0.3397, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 63.7388, 0.3397, 0.3402.



This preview shows how white text looks on a background with the Yxy color 63.7388, 0.3397, 0.3402.

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

63.7388, 0.3397, 0.3402

Protanopia

63.6962, 0.3274, 0.3427

Deuteranopia

63.7983, 0.3448, 0.3378



Tritanopia

63.8870, 0.3259, 0.3128

Trichromacy



Original Color

63.7388, 0.3397, 0.3402

Protanomaly

63.9379, 0.3321, 0.3426

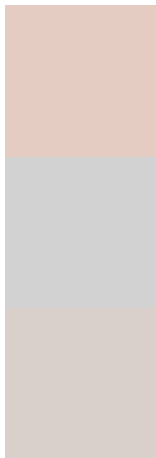
Deuteranomaly

63.9306, 0.3430, 0.3390

Tritanomaly

63.7841, 0.3310, 0.3225

Monochromacy



Original Color

63.7388, 0.3397, 0.3402

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2231, 0.3224, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7388, 0.3397, 0.3402 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(229, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 194)  
}
```

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(229, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.7388, 0.3397, 0.3402 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(229, 204, 194) }
```

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

```
.border{ border-color:rgb(229, 204, 194) }
```

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

Here you see how a box with a 4 pixel rgb(229, 204, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7388, 0.3397, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 194) }
```

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

```
.background{ background-color: rgb(229,  
204, 194) }
```

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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