

Converting Colors

Yxy(63.5724, 0.3315, 0.3352)

Have a look what the booklet for
Yxy(63.5724, 0.3315, 0.3352)
contains.

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Color

Yxy(63.6335, 0.3318, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	E0CDC7
RGB	224, 205, 199
RGB Percent	88%, 80%, 78%
CMY	0.1216, 0.1960, 0.2197
CMYK	0.00, 0.08, 0.11, 0.12
HSL	14°, 29%, 83%
HSV	14°, 11%, 88%
XYZ	62.8755, 63.6335, 62.9892
YIQ	209.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

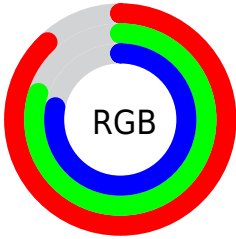
Format	Color
RYB	224, 207, 199
Decimal	14732743
CIELab	83.77, 5.60, 5.38
CIELCh	84, 7.764, 43.837
Yxy	63.6335, 0.3318, 0.3358
Android (android.graphics.Color)	4292922823 (0xFFE0CDC7)
YUV	209.9970, -5.4215, 12.2806
Hunter-Lab	79.7706, 1.0958, 9.0223

Details

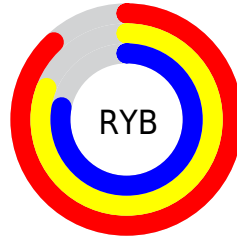
The Yxy color **63.6335, 0.3318, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6407, 0.2955, 0.3221**, and the grayscale version is **64.4764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6126, 0.3371, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **54.9760, 0.3525, 0.3423**, and if you desaturate by 10%, it is **73.3332, 0.3145, 0.3297**.

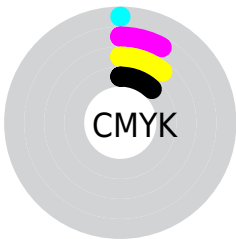
Distribution



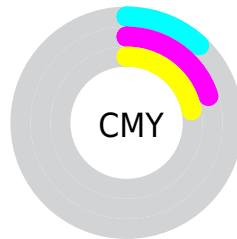
- Red (88%)
- Green (80%)
- Blue (78%)



- Red (88%)
- Yellow (81%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (11%)
- Black (12%)





- Cyan (12%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6335, 0.3318, 0.3358 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 63.6335, 0.3318, 0.3358 by changing the saturation by 10% instead.


 63.6335, 0.3318,
0.3358

 63.6335, 0.3318,
0.3358


437.8649, 0.3227,
0.3327

 46.3539, 0.3339,
0.3365


110.0829, 0.3286,
0.3347

 32.5252, 0.3366,
0.3374


140.0216, 0.3274,
0.3343

 21.7630, 0.3401,
0.3385


174.9487, 0.3263,
0.3339

 13.6828, 0.3447,
0.3400

215.2486, 0.3254,
0.3336

 7.9004, 0.3512,
0.3420

261.3058, 0.3246,
0.3333

 4.0313, 0.3611,
0.3450

313.5047, 0.3239,

 1.6911, 0.3775,

0.3331

0.3494

372.2296, 0.3233,
0.3328

0.4179, 0.5179,
0.4054

0.0000, 0.0000,
0.0000

63.6335, 0.3318,
0.3358

63.6335, 0.3318,
0.3358

54.9760, 0.3525,
0.3423

73.3332, 0.3145,
0.3297

47.3174, 0.3773,
0.3491

84.0996, 0.3001,
0.3240

40.6238, 0.4067,
0.3557

94.5852, 0.2940,
0.3289

34.8563, 0.4406,
0.3616

■ 29.9730, 0.4784,
0.3660

■ 25.9290, 0.5183,
0.3679

■ 22.6750, 0.5569,
0.3661

■ 20.1560, 0.5896,
0.3602

■ 18.4854, 0.6115,
0.3526

Harmonies

Analogous

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



63.6335, 0.3277, 0.3273



63.6335, 0.3318, 0.3358



63.6335, 0.3306, 0.3427

Triad

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



63.6335, 0.3318, 0.3358



63.6335, 0.3057, 0.3390



63.6335, 0.3008, 0.3124

Complementary

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



63.6335, 0.3318, 0.3358



67.6407, 0.2955, 0.3221

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.



63.6335, 0.2951, 0.3152



63.6335, 0.3318, 0.3358



63.6335, 0.2979, 0.3305

Square

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



63.6335, 0.3318, 0.3358



63.6335, 0.3155, 0.3447



63.6335, 0.2940, 0.3218



63.6335, 0.3097, 0.3139

Rectangle

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



63.6335, 0.3318, 0.3358



63.6335, 0.3271, 0.3454



63.6335, 0.2940, 0.3218



63.6335, 0.2984, 0.3128

Sweetspot

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



63.6363, 0.3318, 0.3358



95.8690, 0.3175, 0.3308



61.7534, 0.3182, 0.3079



20.2883, 0.3188, 0.3313



0.0000, 0.0000, 0.0000



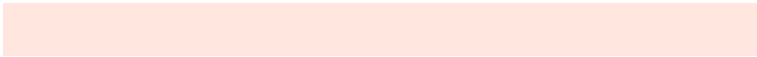
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6363, 0.3318, 0.3358



83.0333, 0.3355, 0.3370



69.7580, 0.3302, 0.3493



14.2346, 0.3286, 0.3347



10.9112, 0.6090, 0.3546



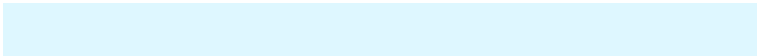
0.8947, 0.5788, 0.3786

Inverse Universe

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



67.6407, 0.2955, 0.3221



89.2505, 0.2926, 0.3208



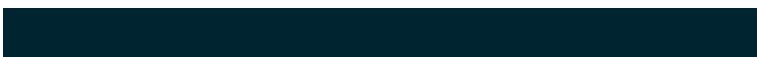
61.4947, 0.2953, 0.3079



14.9828, 0.2982, 0.3232



20.0490, 0.2026, 0.2494



1.5257, 0.2064, 0.2631

Previews

White Background



This preview shows how the Yxy color 63.6335, 0.3318, 0.3358 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 63.6335, 0.3318, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

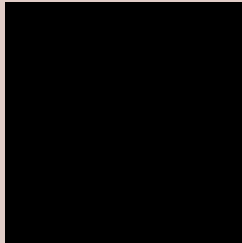
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6335, 0.3318, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 63.6335, 0.3318, 0.3358.

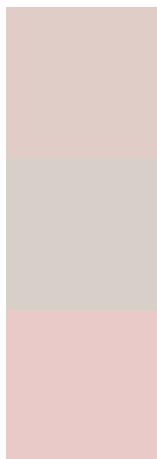


This preview shows how white text looks on a background with the Yxy color 63.6335, 0.3318, 0.3358.

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

63.6335, 0.3318, 0.3358

Protanopia

63.7759, 0.3230, 0.3370

Deuteranopia

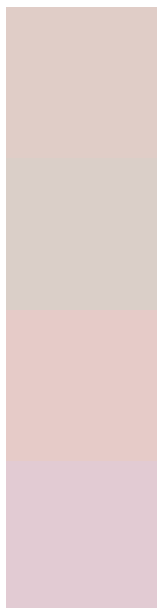
63.7348, 0.3386, 0.3313



Tritanopia

63.6339, 0.3205, 0.3115

Trichromacy



Original Color

63.6335, 0.3318, 0.3358

Protanomaly

63.7012, 0.3261, 0.3370

Deuteranomaly

63.7050, 0.3361, 0.3324

Tritanomaly

63.5838, 0.3247, 0.3202

Monochromacy



Original Color

63.6335, 0.3318, 0.3358

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0151, 0.3194, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6335, 0.3318, 0.3358 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(224, 205, 199)` looks like.

```
.text, #text, p{  
    color:rgb(224, 205, 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(224, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 205, 199) }
```

Border

The CSS property to change the border of an element to Yxy 63.6335, 0.3318, 0.3358 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(224, 205, 199) }
```

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

```
.border{ border-color:rgb(224, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 205, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 205, 199);  
box-shadow:4px 4px 4px 4px rgb(224, 205,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6335, 0.3318, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 205, 199) }
```

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

```
.background{ background-color: rgb(224,  
205, 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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