

Converting Colors

$Yxy(63.0520, 0.3403, 0.3437)$

Have a look what the booklet for
Yxy(63.0520, 0.3403, 0.3437)
contains.

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Color

Yxy(63.2782, 0.3403, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	E3CCBF
RGB	227, 204, 191
RGB Percent	89%, 80%, 75%
CMY	0.1099, 0.1999, 0.2509
CMYK	0.00, 0.10, 0.16, 0.11
HSL	22°, 39%, 82%
HSV	22°, 16%, 89%
XYZ	62.6705, 63.2782, 58.2137
YIQ	209.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

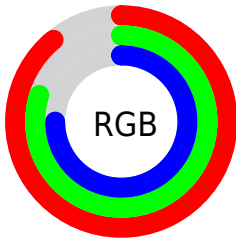
Format	Color
R _Y B	227, 211, 191
Decimal	14929087
CIE Lab	83.59, 5.93, 9.38
CIE LCh	84, 11.096, 57.705
Yxy	63.2782, 0.3403, 0.3436
Android (android.graphics.Color)	4293119167 (0xFFE3CCBF)
YUV	209.3950, -9.0687, 15.4396
Hunter-Lab	79.5476, 1.4204, 12.2943

Details

The Yxy color $63.2782, 0.3403, 0.3436$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.7077, 0.2882, 0.3139$, and the grayscale version is $64.0840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.4954, 0.3173, 0.3367$, and $32.3056, 0.3465, 0.3467$ is the 20% darker color. If you saturate the color by 10%, you get $55.7841, 0.3616, 0.3535$, and if you desaturate by 10%, it is $71.5742, 0.3221, 0.3342$.

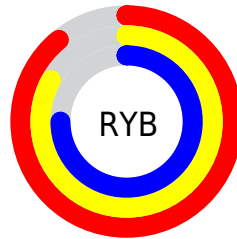
Distribution



Red (89%)

Green (80%)

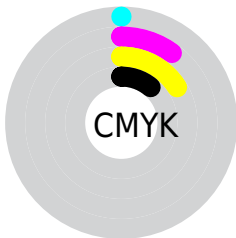
Blue (75%)



Red (89%)

Yellow (83%)

Blue (75%)

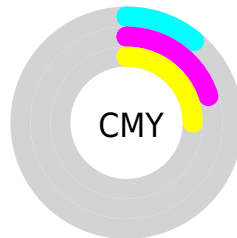


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.2782, 0.3403, 0.3436 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 63.2782, 0.3403, 0.3436 by changing the saturation by 10% instead.


 63.2782, 0.3403,
0.3436

 63.2782, 0.3403,
0.3436


436.5784, 0.3271,
0.3368

 46.0663, 0.3434,
0.3452


 109.5708, 0.3357,
0.3412

 32.2981, 0.3473,
0.3471


139.4202, 0.3339,
0.3403

 21.5893, 0.3523,
0.3495


174.2510, 0.3323,
0.3395

 13.5555, 0.3590,
0.3528

214.4475, 0.3310,
0.3388

 7.8121, 0.3685,
0.3571

260.3941, 0.3299,
0.3382

 3.9750, 0.3827,
0.3634

312.4752, 0.3289,

 1.6596, 0.4063,

0.3377

0.3730

371.0752, 0.3279,
0.3372

0.3973, 0.5680,
0.4320

0.0000, 0.0000,
0.0000

63.2782, 0.3403,
0.3436

63.2782, 0.3403,
0.3436

55.7841, 0.3616,
0.3535

71.5742, 0.3221,
0.3342

49.0588, 0.3864,
0.3634

80.6870, 0.3066,
0.3254

43.0794, 0.4148,
0.3730

90.3739, 0.2957,
0.3214

37.8185, 0.4464,
0.3814

95.0663, 0.2958,
0.3290

■ 33.2468, 0.4802,
0.3874

■ 29.3327, 0.5144,
0.3897

■ 26.0417, 0.5463,
0.3873

■ 23.3346, 0.5729,
0.3796

■ 22.3634, 0.5826,
0.3756

Harmonies

Analogous

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



63.2782, 0.3379, 0.3321



63.2782, 0.3403, 0.3436



63.2782, 0.3352, 0.3515

Triad

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



63.2782, 0.3403, 0.3436



63.2782, 0.2970, 0.3379



63.2782, 0.3011, 0.3056

Complementary

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



63.2782, 0.3403, 0.3436



64.7077, 0.2882, 0.3139

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.



63.2782, 0.2905, 0.3066



63.2782, 0.3403, 0.3436



63.2782, 0.2882, 0.3250

Square

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



63.2782, 0.3403, 0.3436



63.2782, 0.3100, 0.3485



63.2782, 0.2859, 0.3136



63.2782, 0.3150, 0.3106

Rectangle

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



63.2782, 0.3403, 0.3436



63.2782, 0.3282, 0.3536



63.2782, 0.2859, 0.3136



63.2782, 0.2971, 0.3053

Sweetspot

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



63.2810, 0.3403, 0.3436



94.1201, 0.3207, 0.3335



58.4731, 0.3241, 0.3032



19.9734, 0.3219, 0.3341



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

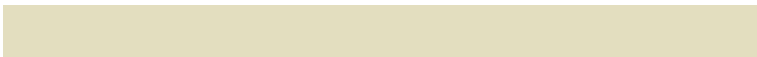
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2810, 0.3403, 0.3436



79.0853, 0.3469, 0.3468



72.1082, 0.3373, 0.3626



15.2162, 0.3283, 0.3375



13.2479, 0.5799, 0.3778



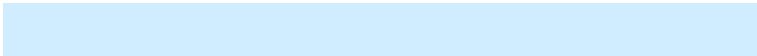
1.1505, 0.5521, 0.3998

Inverse Universe

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



64.7077, 0.2882, 0.3139



81.2745, 0.2830, 0.3105



56.2916, 0.2873, 0.2931



15.4144, 0.2981, 0.3203



15.2687, 0.1907, 0.2064



1.3031, 0.1962, 0.2264

Previews

White Background



This preview shows how the Yxy color 63.2782, 0.3403, 0.3436 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 63.2782, 0.3403, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

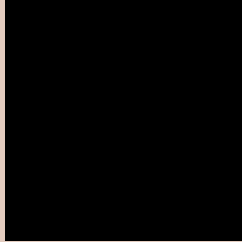
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2782, 0.3403, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 63.2782, 0.3403, 0.3436.



This preview shows how white text looks on a background with the Yxy color 63.2782, 0.3403, 0.3436.

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

63.2782, 0.3403, 0.3436

Protanopia

63.5609, 0.3295, 0.3462

Deuteranopia

63.2412, 0.3466, 0.3390



Tritanopia

63.0894, 0.3244, 0.3116

Trichromacy



Original Color

63.2782, 0.3403, 0.3436

Protanomaly

63.6471, 0.3335, 0.3461

Deuteranomaly

63.2026, 0.3440, 0.3401

Tritanomaly

62.9363, 0.3303, 0.3225

Monochromacy



Original Color

63.2782, 0.3403, 0.3436

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.4888, 0.3231, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2782, 0.3403, 0.3436 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(227, 204, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 204, 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(227, 204, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 204, 191) }
```

Border

The CSS property to change the border of an element to Yxy 63.2782, 0.3403, 0.3436 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(227, 204, 191) }
```

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

```
.border{ border-color:rgb(227, 204, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 204, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 204, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 204, 191); box-shadow:4px 4px 4px 4px rgb(227, 204, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2782, 0.3403, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 204, 191) }
```

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

```
.background{ background-color: rgb(227,  
204, 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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