

Converting Colors

Yxy(62.6154, 0.3344, 0.3324)

Have a look what the booklet for
Yxy(62.6154, 0.3344, 0.3324)
contains.

Yxy(62.6955, 0.3346, 0.3324)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.6955, 0.3346, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	E3CAC7
RGB	227, 202, 199
RGB Percent	89%, 79%, 78%
CMY	0.1098, 0.2078, 0.2196
CMYK	0.00, 0.11, 0.12, 0.11
HSL	6°, 33%, 84%
HSV	6°, 12%, 89%
XYZ	63.1105, 62.6955, 62.8087
YIQ	209.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

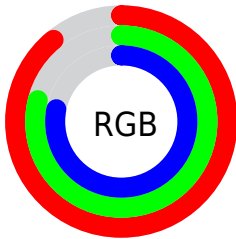
Format	Color
R _Y B	227, 202, 199
Decimal	14928583
CIE Lab	83.28, 8.27, 4.69
CIE LCh	83, 9.503, 29.557
Yxy	62.6955, 0.3346, 0.3324
Android (android.graphics.Color)	4293118663 (0xFFE3CAC7)
YUV	209.1330, -4.9956, 15.6694
Hunter-Lab	79.1805, 3.7068, 8.3955

Details

The Yxy color **62.6955, 0.3346, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0070, 0.2938, 0.3256**, and the grayscale version is **63.8797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.8821, 0.3399, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **52.8253, 0.3569, 0.3354**, and if you desaturate by 10%, it is **73.9780, 0.3164, 0.3296**.

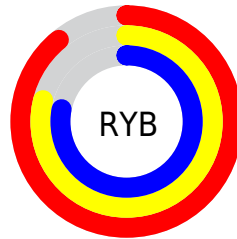
Distribution



Red (89%)

Green (79%)

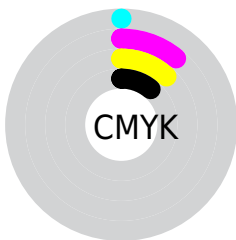
Blue (78%)



Red (89%)

Yellow (79%)

Blue (78%)

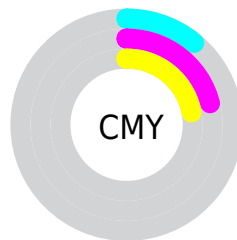


Cyan (0%)

Magenta (11%)

Yellow (12%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6955, 0.3346, 0.3324 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 62.6955, 0.3346, 0.3324 by changing the saturation by 10% instead.

 62.6955, 0.3346,
0.3324

 62.6955, 0.3346,
0.3324


434.4635, 0.3241,
0.3309

 45.5949, 0.3371,
0.3327

108.7301, 0.3309,
0.3319

 31.9263, 0.3402,
0.3331


138.4329, 0.3295,
0.3317

 21.3052, 0.3442,
0.3336


173.1052, 0.3283,
0.3315

 13.3473, 0.3496,
0.3343

213.1315, 0.3272,
0.3313

 7.6681, 0.3572,
0.3351

258.8960, 0.3263,
0.3312

 3.8833, 0.3686,
0.3362

310.7833, 0.3255,

 1.6085, 0.3881,

0.3311

369.1777, 0.3248,
0.3310

0.3375

0.3633, 0.5592,
0.3714

0.0000, 0.0000,
0.0000

62.6955, 0.3346,
0.3324

62.6955, 0.3346,
0.3324

52.8253, 0.3569,
0.3354

73.9780, 0.3164,
0.3296

44.3038, 0.3843,
0.3384

86.7166, 0.3017,
0.3271

37.0748, 0.4173,
0.3414

95.0727, 0.2958,
0.3290

31.0752, 0.4562,
0.3439

■ 26.2362, 0.4998,
0.3454

■ 22.4825, 0.5449,
0.3454

■ 19.7298, 0.5862,
0.3433

■ 17.8813, 0.6174,
0.3393

■ 16.9988, 0.6326,
0.3359

Harmonies

Analogous

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



62.6955, 0.3269, 0.3220



62.6955, 0.3346, 0.3324



62.6955, 0.3363, 0.3421

Triad

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



62.6955, 0.3346, 0.3324



62.6955, 0.3097, 0.3453



62.6955, 0.2941, 0.3096

Complementary

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



62.6955, 0.3346, 0.3324



71.0070, 0.2938, 0.3256

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.



62.6955, 0.2897, 0.3153



62.6955, 0.3346, 0.3324



62.6955, 0.2986, 0.3360

Square

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



62.6955, 0.3346, 0.3324



62.6955, 0.3217, 0.3499



62.6955, 0.2913, 0.3250



62.6955, 0.3034, 0.3090

Rectangle

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



62.6955, 0.3346, 0.3324



62.6955, 0.3338, 0.3470



62.6955, 0.2913, 0.3250



62.6955, 0.2920, 0.3109

Sweetspot

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



62.6983, 0.3346, 0.3324



93.6864, 0.3192, 0.3301



62.5740, 0.3162, 0.3016



19.8059, 0.3205, 0.3303



0.0000, 0.0000, 0.0000



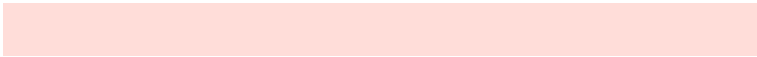
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6983, 0.3346, 0.3324



77.8883, 0.3403, 0.3332



69.4697, 0.3326, 0.3475



14.6151, 0.3290, 0.3316



9.9938, 0.6311, 0.3371



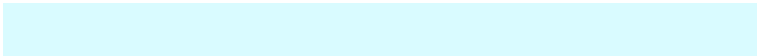
0.8224, 0.6112, 0.3529

Inverse Universe

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



71.0070, 0.2938, 0.3256



90.8679, 0.2897, 0.3248



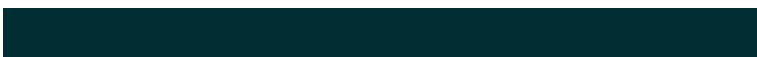
63.8842, 0.2935, 0.3098



16.0588, 0.2982, 0.3264



28.1637, 0.2153, 0.2951



2.1572, 0.2168, 0.3004

Previews

White Background



This preview shows how the Yxy color 62.6955, 0.3346, 0.3324 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 62.6955, 0.3346, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

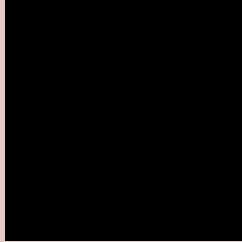
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

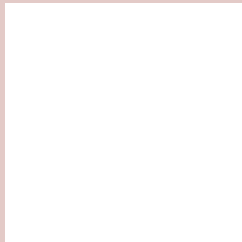
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6955, 0.3346, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 62.6955, 0.3346, 0.3324.



This preview shows how white text looks on a background with the Yxy color 62.6955, 0.3346, 0.3324.

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

62.6955, 0.3346, 0.3324

Protanopia

63.0360, 0.3208, 0.3347

Deuteranopia

62.8857, 0.3379, 0.3313



Tritanopia

62.8729, 0.3244, 0.3127

Trichromacy



Original Color

62.6955, 0.3346, 0.3324

Protanomaly

62.7851, 0.3256, 0.3336

Deuteranomaly

62.7198, 0.3371, 0.3313

Tritanomaly

62.8707, 0.3280, 0.3202

Monochromacy



Original Color

62.6955, 0.3346, 0.3324

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1493, 0.3211, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6955, 0.3346, 0.3324 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, 202, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 202, 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(227, 202, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 202, 199) }
```

Border

The CSS property to change the border of an element to Yxy 62.6955, 0.3346, 0.3324 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, 202, 199) }
```

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

```
.border{ border-color:rgb(227, 202, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 202, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 202, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 202, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 202,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6955, 0.3346, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 202, 199) }
```

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

```
.background{ background-color: rgb(227,  
202, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor