

Converting Colors

Yxy(62.1814, 0.3355, 0.3324)

Have a look what the booklet for
Yxy(62.1814, 0.3355, 0.3324)
contains.

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Color

Yxy(62.1814, 0.3355, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	E3C9C6
RGB	227, 201, 198
RGB Percent	89%, 79%, 78%
CMY	0.1098, 0.2118, 0.2235
CMYK	0.00, 0.11, 0.13, 0.11
HSL	6°, 34%, 83%
HSV	6°, 13%, 89%
XYZ	62.7613, 62.1814, 62.1253
YIQ	208.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

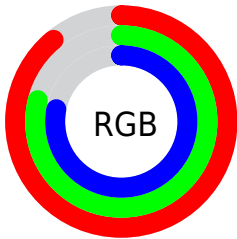
Format	Color
R _Y B	227, 201, 198
Decimal	14928326
CIE Lab	83.01, 8.63, 4.82
CIE LCh	83, 9.890, 29.198
Yxy	62.1814, 0.3355, 0.3324
Android (android.graphics.Color)	4293118406 (0xFFE3C9C6)
YUV	208.4320, -5.1430, 16.2841
Hunter-Lab	78.8552, 4.0726, 8.4876

Details

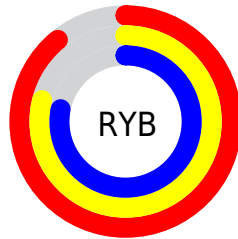
The Yxy color **62.1814, 0.3355, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.8753, 0.2932, 0.3256**, and the grayscale version is **63.4001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5390, 0.3411, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **52.3422, 0.3581, 0.3353**, and if you desaturate by 10%, it is **73.4412, 0.3172, 0.3297**.

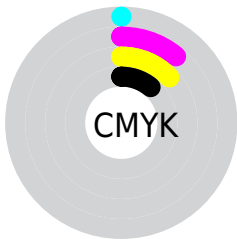
Distribution



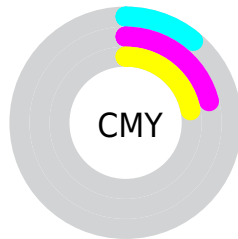
- Red (89%)
- Green (79%)
- Blue (78%)



- Red (89%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1814, 0.3355, 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 62.1814, 0.3355, 0.3324 by changing the saturation by 10% instead.


 62.1814, 0.3355,
0.3324

 62.1814, 0.3355,
0.3324


432.5925, 0.3246,
0.3309

 45.1793, 0.3381,
0.3327


107.9877, 0.3316,
0.3319

 31.5987, 0.3413,
0.3331


137.5606, 0.3302,
0.3317

 21.0551, 0.3455,
0.3336


172.0926, 0.3289,
0.3315

 13.1643, 0.3512,
0.3343

211.9681, 0.3278,
0.3314

 7.5418, 0.3591,
0.3351

257.5714, 0.3269,
0.3312

 3.8032, 0.3712,
0.3361

309.2870, 0.3260,

 1.5641, 0.3917,

0.3311

367.4992, 0.3253,
0.3310

0.3373

0.3332, 0.5952,
0.3760

0.0000, 0.0000,
0.0000

62.1814, 0.3355,
0.3324

62.1814, 0.3355,
0.3324

52.3422, 0.3581,
0.3353

73.4412, 0.3172,
0.3297

43.8593, 0.3857,
0.3382

86.1662, 0.3023,
0.3272

36.6756, 0.4191,
0.3411

95.0727, 0.2958,
0.3290

30.7268, 0.4584,
0.3434

■ 25.9432, 0.5022,
0.3448

■ 22.2480, 0.5474,
0.3447

■ 19.5552, 0.5885,
0.3426

■ 17.7656, 0.6190,
0.3386

■ 16.9622, 0.6330,
0.3356

Harmonies

Analogous

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



62.1814, 0.3274, 0.3216



62.1814, 0.3355, 0.3324



62.1814, 0.3374, 0.3426

Triad

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



62.1814, 0.3355, 0.3324



62.1814, 0.3097, 0.3461



62.1814, 0.2932, 0.3088

Complementary

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



62.1814, 0.3355, 0.3324



70.8753, 0.2932, 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.



62.1814, 0.2887, 0.3148



62.1814, 0.3355, 0.3324



62.1814, 0.2981, 0.3365

Square

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



62.1814, 0.3355, 0.3324



62.1814, 0.3223, 0.3508



62.1814, 0.2905, 0.3249



62.1814, 0.3029, 0.3081

Rectangle

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



62.1814, 0.3355, 0.3324



62.1814, 0.3348, 0.3477



62.1814, 0.2905, 0.3249



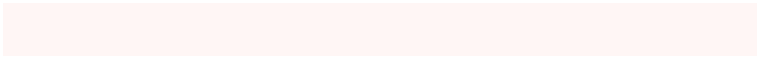
62.1814, 0.2910, 0.3102

Sweetspot

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



62.1842, 0.3355, 0.3324



93.6620, 0.3193, 0.3300



62.1130, 0.3163, 0.3006



19.7998, 0.3205, 0.3302



0.0000, 0.0000, 0.0000



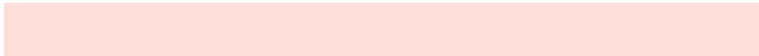
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1842, 0.3355, 0.3324



77.8092, 0.3403, 0.3331



69.2204, 0.3334, 0.3482



14.6060, 0.3290, 0.3315



9.9704, 0.6315, 0.3368



0.8180, 0.6122, 0.3521

Inverse Universe

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



70.8753, 0.2932, 0.3256



90.9617, 0.2897, 0.3249



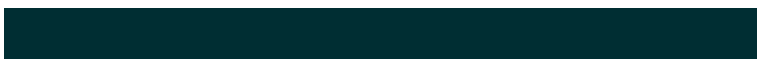
63.4546, 0.2927, 0.3090



16.0689, 0.2982, 0.3265



28.4060, 0.2157, 0.2963



2.1727, 0.2171, 0.3015

Previews

White Background



This preview shows how the Yxy color 62.1814, 0.3355, 0.3324 looks on a white background.

Color Contrast Check

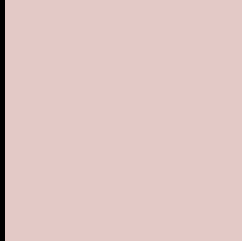
Large Text (above 18pt) WCAG AA × Fail

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 62.1814, 0.3355, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

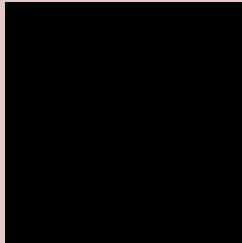
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1814, 0.3355, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 62.1814, 0.3355, 0.3324.

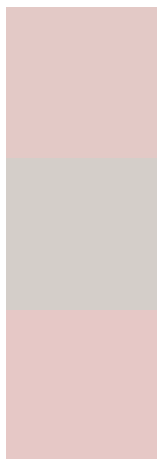


This preview shows how white text looks on a background with the Yxy color 62.1814, 0.3355, 0.3324.

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

62.1814, 0.3355, 0.3324

Protanopia

62.3567, 0.3209, 0.3348

Deuteranopia

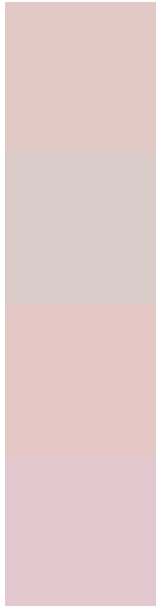
62.2088, 0.3381, 0.3313



Tritanopia

62.3599, 0.3252, 0.3126

Trichromacy



Original Color

62.1814, 0.3355, 0.3324

Protanomaly

62.1076, 0.3257, 0.3336

Deuteranomaly

62.0438, 0.3373, 0.3313

Tritanomaly

62.3566, 0.3288, 0.3202

Monochromacy



Original Color

62.1814, 0.3355, 0.3324

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.4693, 0.3211, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1814, 0.3355, 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, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 198)  
}
```

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, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 198) }
```

Border

The CSS property to change the border of an element to Yxy 62.1814, 0.3355, 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, 201, 198) }
```

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

```
.border{ border-color:rgb(227, 201, 198) }
```

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

Here you see how a box with a 4 pixel rgb(227, 201, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1814, 0.3355, 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, 201, 198) }
```

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

```
.background{ background-color: rgb(227,  
201, 198) }
```

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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