

Converting Colors

$Y_{xy}(62.3790, 0.3412, 0.3311)$

Have a look what the booklet for
Yxy(62.3790, 0.3412, 0.3311)
contains.

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Color

Yxy(62.2017, 0.3414, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	E9C7C5
RGB	233, 199, 197
RGB Percent	91%, 78%, 77%
CMY	0.0864, 0.2195, 0.2274
CMYK	0.00, 0.15, 0.15, 0.09
HSL	3°, 45%, 84%
HSV	3°, 15%, 91%
XYZ	64.0980, 62.2017, 61.4507
YIQ	208.9380, 20.9060, 6.5860

Conversions

Conversions Part 2

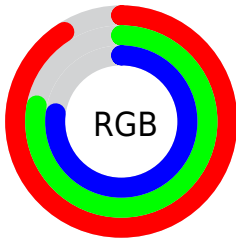
Format	Color
R _Y B	233, 199, 197
Decimal	15321029
CIE Lab	83.02, 11.66, 5.45
CIE LCh	83, 12.865, 25.042
Yxy	62.2017, 0.3414, 0.3313
Android (android.graphics.Color)	4293511109 (0xFFE9C7C5)
YUV	208.9380, -5.8854, 21.1024
Hunter-Lab	78.8681, 7.0522, 9.0113

Details

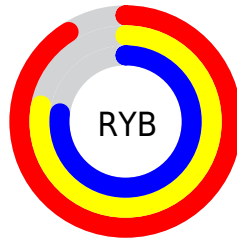
The Yxy color **62.2017, 0.3414, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8770, 0.2892, 0.3267**, and the grayscale version is **63.7467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **31.5811, 0.3492, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **51.8177, 0.3658, 0.3329**, and if you desaturate by 10%, it is **74.2187, 0.3217, 0.3298**.

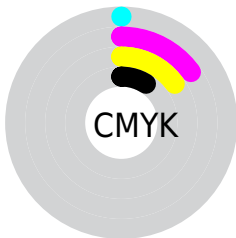
Distribution



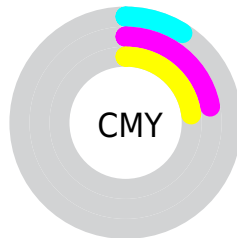
- Red (91%)
- Green (78%)
- Blue (77%)



- Red (91%)
- Yellow (78%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (15%)
- Black (9%)




- Cyan (9%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2017, 0.3414, 0.3313 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 62.2017, 0.3414, 0.3313 by changing the saturation by 10% instead.


 62.2017, 0.3414,
0.3313

 62.2017, 0.3414,
0.3313

432.6664, 0.3277,
0.3304

 45.1957, 0.3447,
0.3315


108.0170, 0.3365,
0.3310

 31.6116, 0.3487,
0.3317


137.5951, 0.3347,
0.3309

 21.0650, 0.3540,
0.3319


172.1326, 0.3331,
0.3308

 13.1715, 0.3611,
0.3322

212.0141, 0.3317,
0.3307

 7.5468, 0.3712,
0.3324

257.6238, 0.3305,
0.3306

 3.8063, 0.3864,
0.3325

309.3461, 0.3294,

 1.5658, 0.4122,

0.3305

367.5656, 0.3285,
0.3304

0.3320

0.3344, 0.6430,
0.3570

0.0000, 0.0000,
0.0000

62.2017, 0.3414,
0.3313

62.2017, 0.3414,
0.3313

51.8177, 0.3658,
0.3329

74.2187, 0.3217,
0.3298

42.9882, 0.3958,
0.3346

87.9259, 0.3059,
0.3284

35.6410, 0.4321,
0.3361

96.0584, 0.2993,
0.3290

29.6948, 0.4745,
0.3373

■ 25.0606, 0.5208,
0.3378

■ 21.6390, 0.5666,
0.3373

■ 19.3165, 0.6052,
0.3357

■ 17.9582, 0.6301,
0.3332

■ 17.6078, 0.6370,
0.3324

Harmonies

Analogous

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



62.2017, 0.3299, 0.3176



62.2017, 0.3414, 0.3313



62.2017, 0.3450, 0.3448

Triad

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



62.2017, 0.3414, 0.3313



62.2017, 0.3110, 0.3527



62.2017, 0.2861, 0.3034

Complementary

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



62.2017, 0.3414, 0.3313



74.8770, 0.2892, 0.3267

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.



62.2017, 0.2814, 0.3120



62.2017, 0.3414, 0.3313



62.2017, 0.2955, 0.3407

Square

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



62.2017, 0.3414, 0.3313



62.2017, 0.3272, 0.3578



62.2017, 0.2848, 0.3256



62.2017, 0.2979, 0.3017

Rectangle

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



62.2017, 0.3414, 0.3313



62.2017, 0.3425, 0.3520



62.2017, 0.2848, 0.3256



62.2017, 0.2837, 0.3055

Sweetspot

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



62.2045, 0.3414, 0.3313



91.7660, 0.3210, 0.3297



63.0304, 0.3158, 0.2927



19.4031, 0.3223, 0.3298



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.



62.2045, 0.3414, 0.3313



71.4748, 0.3497, 0.3319



70.8637, 0.3384, 0.3505



15.1895, 0.3292, 0.3304



10.0502, 0.6359, 0.3333



0.8371, 0.6250, 0.3420

Inverse Universe

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



74.8770, 0.2892, 0.3267



90.2198, 0.2839, 0.3261



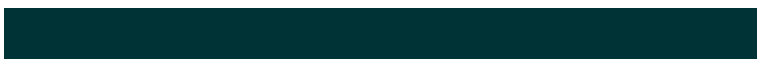
65.4342, 0.2884, 0.3065



16.9687, 0.2981, 0.3276



32.4260, 0.2199, 0.3115



2.5905, 0.2206, 0.3140

Previews

White Background



This preview shows how the Yxy color 62.2017, 0.3414, 0.3313 looks on a white background.

Color Contrast Check

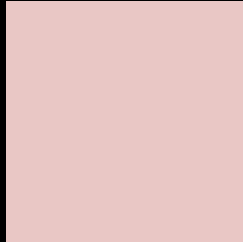
Large Text (above 18pt) WCAG AA × Fail

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 62.2017, 0.3414, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

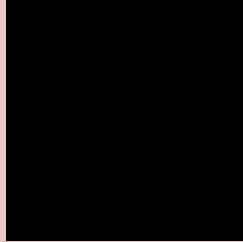
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2017, 0.3414, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 62.2017, 0.3414, 0.3313.

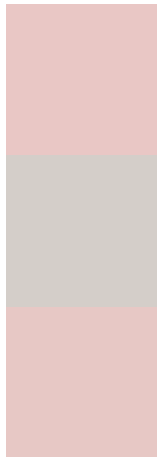


This preview shows how white text looks on a background with the Yxy color 62.2017, 0.3414, 0.3313.

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

62.2017, 0.3414, 0.3313

Protanopia

62.3567, 0.3209, 0.3348

Deuteranopia

62.3287, 0.3396, 0.3324



Tritanopia

62.3481, 0.3317, 0.3128

Trichromacy



Original Color

62.2017, 0.3414, 0.3313

Protanomaly

62.0976, 0.3282, 0.3324

Deuteranomaly

62.4956, 0.3404, 0.3324

Tritanomaly

62.3856, 0.3346, 0.3193

Monochromacy



Original Color

62.2017, 0.3414, 0.3313

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9758, 0.3227, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2017, 0.3414, 0.3313 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(233, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(233, 199, 197)  
}
```

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(233, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 199, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.2017, 0.3414, 0.3313 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(233, 199, 197) }
```

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

```
.border{ border-color:rgb(233, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(233, 199,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2017, 0.3414, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 199, 197) }
```

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

```
.background{ background-color: rgb(233,  
199, 197) }
```

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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