

Converting Colors

$Yxy(62.3594, 0.3428, 0.3357)$

Have a look what the booklet for
Yxy(62.3594, 0.3428, 0.3357)
contains.

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Color

Yxy(62.3594, 0.3428, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	E8C8C2
RGB	232, 200, 194
RGB Percent	91%, 78%, 76%
CMY	0.0901, 0.2157, 0.2392
CMYK	0.00, 0.14, 0.16, 0.09
HSL	9°, 45%, 84%
HSV	9°, 16%, 91%
XYZ	63.6783, 62.3594, 59.7216
YIQ	208.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

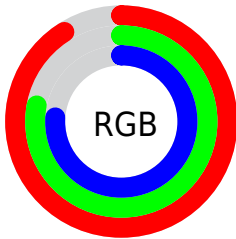
Format	Color
R _Y B	232, 201, 194
Decimal	15255746
CIE _{Lab}	83.10, 10.34, 7.15
CIE _{LCh}	83, 12.571, 34.690
Y _{xy}	62.3594, 0.3428, 0.3357
Android (android.graphics.Color)	4293445826 (0xFFE8C8C2)
YUV	208.8840, -7.3378, 20.2727
Hunter-Lab	78.9680, 5.7451, 10.4379

Details

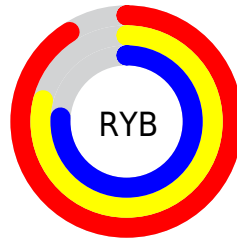
The Yxy color **62.3594, 0.3428, 0.3357** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.7138, 0.2877, 0.3222**, and the grayscale version is **63.7230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **31.6813, 0.3510, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **52.9164, 0.3666, 0.3401**, and if you desaturate by 10%, it is **73.1285, 0.3233, 0.3315**.

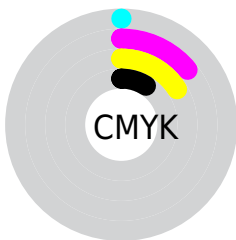
Distribution



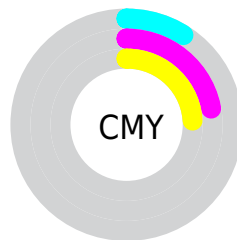
- Red (91%)
- Green (78%)
- Blue (76%)



- Red (91%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (9%)




- Cyan (9%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3594, 0.3428, 0.3357 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 62.3594, 0.3428, 0.3357 by changing the saturation by 10% instead.


 62.3594, 0.3428,
0.3357

 62.3594, 0.3428,
0.3357


433.2409, 0.3284,
0.3327

 45.3232, 0.3462,
0.3364


 108.2448, 0.3377,
0.3347

 31.7120, 0.3505,
0.3372


137.8627, 0.3357,
0.3343

 21.1417, 0.3561,
0.3382


172.4434, 0.3341,
0.3339

 13.2276, 0.3635,
0.3394

212.3711, 0.3326,
0.3336

 7.5855, 0.3740,
0.3411

258.0303, 0.3314,
0.3333

 3.8309, 0.3899,
0.3432

309.8054, 0.3303,

 1.5794, 0.4168,

0.3331

368.0808, 0.3293,
0.3329

0.3458

0.3437, 0.6275,
0.3725

0.0000, 0.0000,
0.0000

62.3594, 0.3428,
0.3357

62.3594, 0.3428,
0.3357

52.9164, 0.3666,
0.3401

73.1285, 0.3233,
0.3315

44.7401, 0.3953,
0.3446

85.2636, 0.3073,
0.3276

37.7788, 0.4294,
0.3487

95.9010, 0.2988,
0.3290

31.9742, 0.4687,
0.3520

■ 27.2630, 0.5116,
0.3536

■ 23.5758, 0.5545,
0.3529

■ 20.8350, 0.5922,
0.3492

■ 18.9514, 0.6192,
0.3429

■ 18.4559, 0.6265,
0.3407

Harmonies

Analogous

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



62.3594, 0.3337, 0.3220



62.3594, 0.3428, 0.3357



62.3594, 0.3435, 0.3481

Triad

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



62.3594, 0.3428, 0.3357



62.3594, 0.3059, 0.3489



62.3594, 0.2898, 0.3027

Complementary

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



62.3594, 0.3428, 0.3357



71.7138, 0.2877, 0.3222

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.



62.3594, 0.2828, 0.3090



62.3594, 0.3428, 0.3357



62.3594, 0.2919, 0.3358

Square

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



62.3594, 0.3428, 0.3357



62.3594, 0.3219, 0.3563



62.3594, 0.2836, 0.3211



62.3594, 0.3030, 0.3032

Rectangle

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



62.3594, 0.3428, 0.3357



62.3594, 0.3392, 0.3540



62.3594, 0.2836, 0.3211



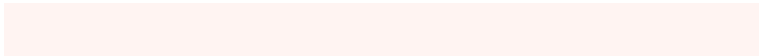
62.3594, 0.2866, 0.3041

Sweetspot

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



62.3622, 0.3428, 0.3357



92.5426, 0.3209, 0.3310



61.2560, 0.3188, 0.2943



19.5910, 0.3221, 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.



62.3622, 0.3428, 0.3357



72.7227, 0.3511, 0.3373



71.5745, 0.3395, 0.3559



14.7326, 0.3289, 0.3328



10.3601, 0.6244, 0.3424



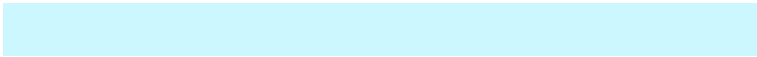
0.8782, 0.5993, 0.3623

Inverse Universe

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



71.7138, 0.2877, 0.3222



86.5592, 0.2822, 0.3205



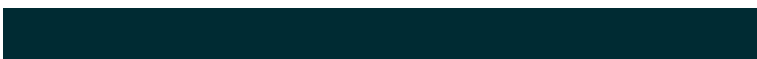
62.0762, 0.2867, 0.3006



15.9294, 0.2981, 0.3252



25.1710, 0.2106, 0.2782



1.9644, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 62.3594, 0.3428, 0.3357 looks on a white background.

Color Contrast Check

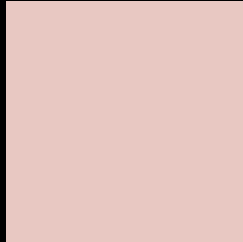
Large Text (above 18pt) WCAG AA × Fail

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 62.3594, 0.3428, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

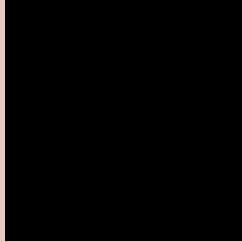
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3594, 0.3428, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 62.3594, 0.3428, 0.3357.



This preview shows how white text looks on a background with the Yxy color 62.3594, 0.3428, 0.3357.

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

62.3594, 0.3428, 0.3357

Protanopia

62.3200, 0.3245, 0.3394

Deuteranopia

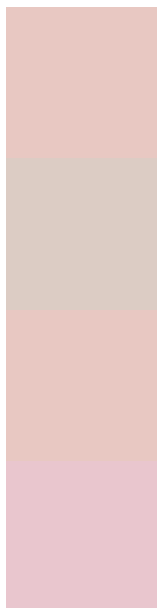
62.3594, 0.3428, 0.3357



Tritanopia

62.2290, 0.3302, 0.3117

Trichromacy



Original Color

62.3594, 0.3428, 0.3357

Protanomaly

62.3869, 0.3310, 0.3381

Deuteranomaly

62.3594, 0.3428, 0.3357

Tritanomaly

62.1680, 0.3346, 0.3203

Monochromacy



Original Color

62.3594, 0.3428, 0.3357

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2540, 0.3226, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3594, 0.3428, 0.3357 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(232, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 194)  
}
```

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(232, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 194) }
```

Border

The CSS property to change the border of an element to Yxy 62.3594, 0.3428, 0.3357 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(232, 200, 194) }
```

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

```
.border{ border-color:rgb(232, 200, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 200, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 200, 194); box-shadow:4px 4px 4px 4px rgb(232, 200, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3594, 0.3428, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 194) }
```

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

```
.background{ background-color: rgb(232,  
200, 194) }
```

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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