

Converting Colors

$Yxy(62.1861, 0.3415, 0.3249)$

Have a look what the booklet for
Yxy(62.1861, 0.3415, 0.3249)
contains.

Yxy(62.1541, 0.3419, 0.3247)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1541, 0.3419, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	EDC5C9
RGB	237, 197, 201
RGB Percent	93%, 77%, 79%
CMY	0.0704, 0.2275, 0.2117
CMYK	0.00, 0.17, 0.15, 0.07
HSL	354°, 53%, 85%
HSV	354°, 17%, 93%
XYZ	65.4465, 62.1541, 63.8195
YIQ	209.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

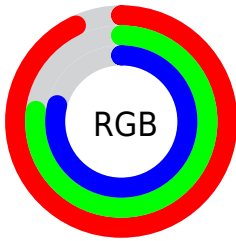
Format	Color
R _Y B	237, 197, 201
Decimal	15582665
CIE Lab	83.00, 14.82, 3.31
CIE LCh	83, 15.183, 12.573
Yxy	62.1541, 0.3419, 0.3247
Android (android.graphics.Color)	4293772745 (0xFFEDC5C9)
YUV	209.4160, -4.1491, 24.1912
Hunter-Lab	78.8379, 10.2138, 7.1911

Details

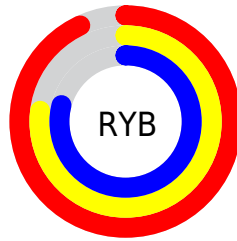
The Yxy color **62.1541, 0.3419, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3456, 0.2895, 0.3334**, and the grayscale version is **64.0676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.5753, 0.3498, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **51.2912, 0.3650, 0.3220**, and if you desaturate by 10%, it is **74.8544, 0.3233, 0.3273**.

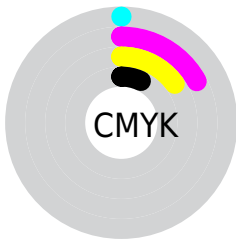
Distribution



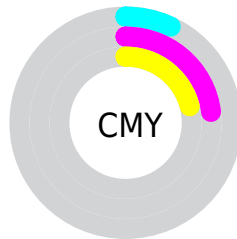
- Red (93%)
- Green (77%)
- Blue (79%)



- Red (93%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1541, 0.3419, 0.3247 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 62.1541, 0.3419, 0.3247 by changing the saturation by 10% instead.


 62.1541, 0.3419,
0.3247

 62.1541, 0.3419,
0.3247


432.4930, 0.3279,
0.3269

 45.1572, 0.3452,
0.3242


107.9482, 0.3370,
0.3255

 31.5813, 0.3494,
0.3235


137.5143, 0.3351,
0.3258

 21.0419, 0.3547,
0.3225


172.0388, 0.3335,
0.3260

 13.1546, 0.3619,
0.3213

211.9062, 0.3321,
0.3262

 7.5351, 0.3721,
0.3194

257.5010, 0.3308,
0.3264

 3.7989, 0.3875,
0.3164

309.2074, 0.3298,

 1.5617, 0.4135,

0.3266

0.3108

367.4100, 0.3288,
0.3267

0.3316, 0.5946,
0.2913

0.0000, 0.0000,
0.0000

62.1541, 0.3419,
0.3247

62.1541, 0.3419,
0.3247

51.2912, 0.3650,
0.3220

74.8544, 0.3233,
0.3273

42.1726, 0.3936,
0.3193

89.4627, 0.3084,
0.3297

34.7099, 0.4282,
0.3169

96.7520, 0.3018,
0.3290

28.8036, 0.4688,
0.3151

■ 24.3433, 0.5135,
0.3146

■ 21.2045, 0.5585,
0.3158

■ 19.2412, 0.5975,
0.3189

■ 18.2679, 0.6245,
0.3236

■ 18.0774, 0.6305,
0.3247

Harmonies

Analogous

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



62.1541, 0.3254, 0.3097



62.1541, 0.3419, 0.3247



62.1541, 0.3504, 0.3412

Triad

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



62.1541, 0.3419, 0.3247



62.1541, 0.3187, 0.3607



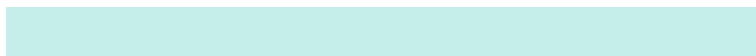
62.1541, 0.2780, 0.3021

Complementary

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



62.1541, 0.3419, 0.3247



78.3456, 0.2895, 0.3334

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.



62.1541, 0.2764, 0.3149



62.1541, 0.3419, 0.3247



62.1541, 0.2995, 0.3495

Square

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



62.1541, 0.3419, 0.3247



62.1541, 0.3367, 0.3626



62.1541, 0.2842, 0.3324



62.1541, 0.2886, 0.2967

Rectangle

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



62.1541, 0.3419, 0.3247



62.1541, 0.3503, 0.3510



62.1541, 0.2842, 0.3324



62.1541, 0.2764, 0.3056

Sweetspot

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



62.1569, 0.3419, 0.3247



91.4166, 0.3203, 0.3278



63.2615, 0.3111, 0.2867



19.3186, 0.3214, 0.3276



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.



62.1569, 0.3419, 0.3247



69.0561, 0.3487, 0.3238



69.3008, 0.3423, 0.3456



15.0787, 0.3277, 0.3267



9.8743, 0.6282, 0.3234



0.7837, 0.6020, 0.3090

Inverse Universe

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



62.1569, 0.3419, 0.3247



69.0561, 0.3487, 0.3238



70.0628, 0.2864, 0.3118



15.0787, 0.3277, 0.3267



9.8743, 0.6282, 0.3234



0.7837, 0.6020, 0.3090

Previews

White Background



This preview shows how the Yxy color 62.1541, 0.3419, 0.3247 looks on a white background.

Color Contrast Check

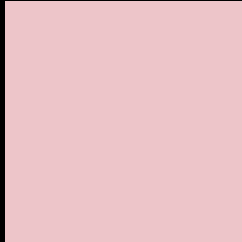
Large Text (above 18pt) WCAG AA × Fail

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 62.1541, 0.3419, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

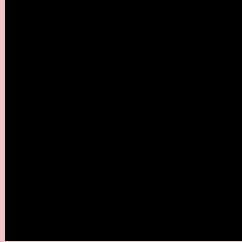
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1541, 0.3419, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 62.1541, 0.3419, 0.3247.



This preview shows how white text looks on a background with the Yxy color 62.1541, 0.3419, 0.3247.

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

62.1541, 0.3419, 0.3247

Protanopia

62.4477, 0.3165, 0.3290

Deuteranopia

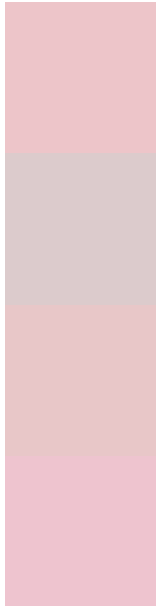
62.1367, 0.3357, 0.3291



Tritanopia

61.9105, 0.3352, 0.3119

Trichromacy



Original Color

62.1541, 0.3419, 0.3247

Protanomaly

62.2871, 0.3252, 0.3279

Deuteranomaly

62.1728, 0.3383, 0.3280

Tritanomaly

62.1620, 0.3381, 0.3172

Monochromacy



Original Color

62.1541, 0.3419, 0.3247

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1789, 0.3227, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1541, 0.3419, 0.3247 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(237, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 197, 201)  
}
```

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(237, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 197, 201) }
```

Border

The CSS property to change the border of an element to Yxy 62.1541, 0.3419, 0.3247 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(237, 197, 201) }
```

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

```
.border{ border-color:rgb(237, 197, 201) }
```

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

Here you see how a box with a 4 pixel rgb(237, 197, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 197,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1541, 0.3419, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 197, 201) }
```

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

```
.background{ background-color: rgb(237,  
197, 201) }
```

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