

Converting Colors

$Yxy(60.9008, 0.3440, 0.3263)$

Have a look what the booklet for
Yxy(60.9008, 0.3440, 0.3263)
contains.

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Color

Yxy(60.9403, 0.3438, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	ECC3C6
RGB	236, 195, 198
RGB Percent	93%, 76%, 78%
CMY	0.0744, 0.2353, 0.2235
CMYK	0.00, 0.17, 0.16, 0.07
HSL	356°, 52%, 85%
HSV	356°, 17%, 93%
XYZ	64.3072, 60.9403, 61.8007
YIQ	207.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

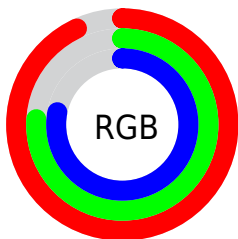
Format	Color
R _Y B	236, 195, 198
Decimal	15516614
CIE Lab	82.35, 15.04, 3.97
CIE LCh	82, 15.553, 14.791
Yxy	60.9403, 0.3438, 0.3258
Android (android.graphics.Color)	4293706694 (0xFFECC3C6)
YUV	207.6010, -4.7333, 24.9059
Hunter-Lab	78.0643, 10.4309, 7.7072

Details

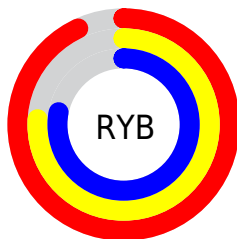
The Yxy color **60.9403, 0.3438, 0.3258** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.4928, 0.2882, 0.3323**, and the grayscale version is **62.8277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.7667, 0.3524, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **50.2517, 0.3679, 0.3238**, and if you desaturate by 10%, it is **73.4519, 0.3245, 0.3277**.

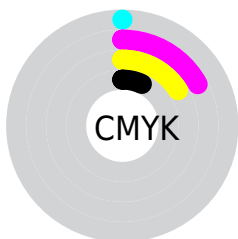
Distribution



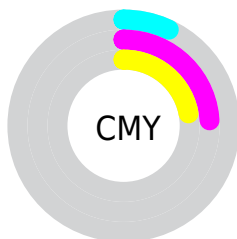
- Red (93%)
- Green (76%)
- Blue (78%)



- Red (93%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (7%)




- Cyan (7%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9403, 0.3438, 0.3258 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 60.9403, 0.3438, 0.3258 by changing the saturation by 10% instead.

 60.9403, 0.3438,
0.3258

 60.9403, 0.3438,
0.3258

428.0551, 0.3289,
0.3275

 44.1770, 0.3474,
0.3254


 106.1925, 0.3385,
0.3264

 30.8097, 0.3518,
0.3248

135.4502, 0.3365,
0.3267

 20.4540, 0.3576,
0.3240


169.6414, 0.3348,
0.3268

 12.7255, 0.3654,
0.3230

209.1506, 0.3333,
0.3270

 7.2398, 0.3764,
0.3213

254.3622, 0.3320,
0.3272

 3.6125, 0.3933,
0.3186

305.6605, 0.3308,

 1.4593, 0.4220,

0.3273

0.3134

363.4300, 0.3298,
0.3274

0.2598, 0.6985,
0.2955

0.0000, 0.0000,
0.0000

60.9403, 0.3438,
0.3258

60.9403, 0.3438,
0.3258

50.2517, 0.3679,
0.3238

73.4519, 0.3245,
0.3277

41.2932, 0.3977,
0.3219

87.8571, 0.3090,
0.3294

33.9764, 0.4338,
0.3202

96.5777, 0.3012,
0.3290

28.2014, 0.4758,
0.3191

■ 23.8580, 0.5218,
0.3189

■ 20.8210, 0.5671,
0.3200

■ 18.9436, 0.6050,
0.3225

■ 18.0336, 0.6296,
0.3260

■ 17.8791, 0.6339,
0.3266

Harmonies

Analogous

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



60.9403, 0.3272, 0.3101



60.9403, 0.3438, 0.3258



60.9403, 0.3519, 0.3427

Triad

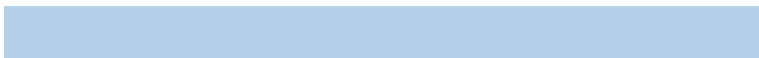
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.9403, 0.3438, 0.3258



60.9403, 0.3174, 0.3612



60.9403, 0.2775, 0.3005

Complementary

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



60.9403, 0.3438, 0.3258



77.4928, 0.2882, 0.3323

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.



60.9403, 0.2751, 0.3133



60.9403, 0.3438, 0.3258



60.9403, 0.2977, 0.3490

Square

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



60.9403, 0.3438, 0.3258



60.9403, 0.3362, 0.3639



60.9403, 0.2824, 0.3311



60.9403, 0.2890, 0.2956

Rectangle

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



60.9403, 0.3438, 0.3258



60.9403, 0.3512, 0.3527



60.9403, 0.2824, 0.3311



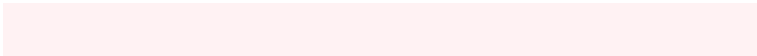
60.9403, 0.2756, 0.3040

Sweetspot

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



60.9430, 0.3438, 0.3258



91.3954, 0.3205, 0.3281



62.3436, 0.3121, 0.2856



19.3135, 0.3217, 0.3280



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.



60.9430, 0.3438, 0.3258



67.6694, 0.3521, 0.3251



68.9106, 0.3431, 0.3476



15.0720, 0.3281, 0.3273



9.8596, 0.6320, 0.3255



0.7805, 0.6118, 0.3144

Inverse Universe

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



60.9430, 0.3438, 0.3258



67.6694, 0.3521, 0.3251



68.2862, 0.2856, 0.3097



15.0720, 0.3281, 0.3273



9.8596, 0.6320, 0.3255



0.7805, 0.6118, 0.3144

Previews

White Background



This preview shows how the Yxy color 60.9403, 0.3438, 0.3258 looks on a white background.

Color Contrast Check

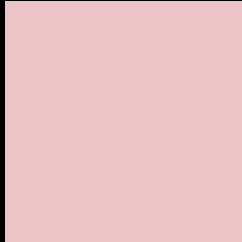
Large Text (above 18pt) WCAG AA × Fail

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 60.9403, 0.3438, 0.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

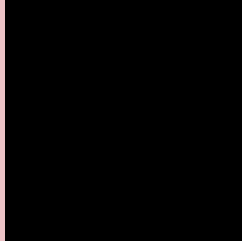
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9403, 0.3438, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 60.9403, 0.3438, 0.3258.



This preview shows how white text looks on a background with the Yxy color 60.9403, 0.3438, 0.3258.

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

60.9403, 0.3438, 0.3258

Protanopia

61.0528, 0.3173, 0.3302

Deuteranopia

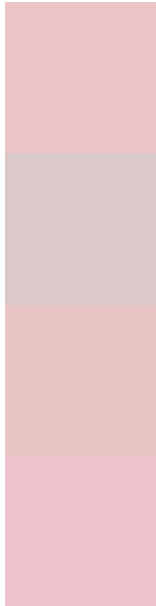
60.9134, 0.3375, 0.3302



Tritanopia

60.6985, 0.3370, 0.3128

Trichromacy



Original Color

60.9403, 0.3438, 0.3258

Protanomaly

61.0504, 0.3268, 0.3290

Deuteranomaly

60.9526, 0.3401, 0.3291

Tritanomaly

60.9477, 0.3400, 0.3182

Monochromacy



Original Color

60.9403, 0.3438, 0.3258

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.9769, 0.3236, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9403, 0.3438, 0.3258 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(236, 195, 198)` looks like.

```
.text, #text, p{  
    color:rgb(236, 195, 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(236, 195, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 195, 198) }
```

Border

The CSS property to change the border of an element to Yxy 60.9403, 0.3438, 0.3258 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(236, 195, 198) }
```

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

```
.border{ border-color:rgb(236, 195, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 195, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 195, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 195, 198);  
box-shadow:4px 4px 4px 4px rgb(236, 195,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9403, 0.3438, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 195, 198) }
```

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

```
.background{ background-color: rgb(236,  
195, 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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