

Converting Colors

Yxy(61.4986, 0.3460, 0.3275)

Have a look what the booklet for
Yxy(61.4986, 0.3460, 0.3275)
contains.

Yxy(61.6882, 0.3460, 0.3280)	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(61.6882, 0.3460, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EEC4C5
RGB	238, 196, 197
RGB Percent	93%, 77%, 77%
CMY	0.0668, 0.2313, 0.2274
CMYK	0.00, 0.18, 0.17, 0.07
HSL	359°, 55%, 85%
HSV	359°, 18%, 93%
XYZ	65.0735, 61.6882, 61.3121
YIQ	208.6720, 24.7110, 9.2150

Conversions

Conversions Part 2

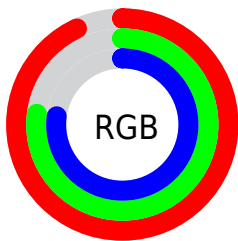
Format	Color
R _Y B	238, 196, 197
Decimal	15647941
CIE Lab	82.75, 15.05, 5.10
CIE LCh	83, 15.887, 18.720
Yxy	61.6882, 0.3460, 0.3280
Android (android.graphics.Color)	4293838021 (0xFFEEC4C5)
YUV	208.6720, -5.7543, 25.7207
Hunter-Lab	78.5418, 10.4427, 8.6958

Details

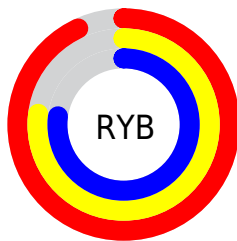
The Yxy color **61.6882, 0.3460, 0.3280** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9854, 0.2867, 0.3300**, and the grayscale version is **63.5629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6663, 0.3134, 0.3281**, and **31.2743, 0.3555, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **50.8082, 0.3716, 0.3274**, and if you desaturate by 10%, it is **74.4406, 0.3255, 0.3286**.

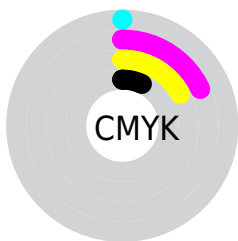
Distribution



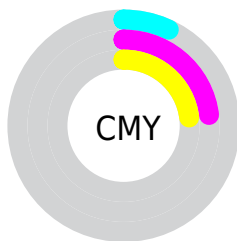
- Red (93%)
- Green (77%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (7%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6882, 0.3460, 0.3280 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 61.6882, 0.3460, 0.3280 by changing the saturation by 10% instead.


 61.6882, 0.3460,
0.3280

 61.6882, 0.3460,
0.3280


430.7928, 0.3300,
0.3287

 44.7808, 0.3498,
0.3278


 107.2748, 0.3403,
0.3283

 31.2848, 0.3546,
0.3275


136.7227, 0.3382,
0.3284

 20.8158, 0.3607,
0.3271


171.1197, 0.3363,
0.3284

 12.9894, 0.3690,
0.3265

210.8500, 0.3347,
0.3285

 7.4213, 0.3807,
0.3255

256.2981, 0.3333,
0.3286

 3.7269, 0.3985,
0.3237

307.8483, 0.3321,

 1.5220, 0.4287,

0.3286

0.3198

365.8851, 0.3310,
0.3286

0.3041, 0.6834,
0.3166

0.0000, 0.0000,
0.0000

61.6882, 0.3460,
0.3280

61.6882, 0.3460,
0.3280

50.8082, 0.3716,
0.3274

74.4406, 0.3255,
0.3286

41.7045, 0.4033,
0.3269

89.1387, 0.3092,
0.3291

34.2855, 0.4416,
0.3264

96.9130, 0.3023,
0.3290

28.4478, 0.4860,
0.3261

■ 24.0767, 0.5337,
0.3262

■ 21.0421, 0.5792,
0.3268

■ 19.1910, 0.6149,
0.3278

■ 18.3200, 0.6352,
0.3290

■ 18.1856, 0.6382,
0.3290

Harmonies

Analogous

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



61.6882, 0.3300, 0.3117



61.6882, 0.3460, 0.3280



61.6882, 0.3528, 0.3451

Triad

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



61.6882, 0.3460, 0.3280



61.6882, 0.3148, 0.3607



61.6882, 0.2779, 0.2989

Complementary

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



61.6882, 0.3460, 0.3280



78.9854, 0.2867, 0.3300

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.



61.6882, 0.2742, 0.3109



61.6882, 0.3460, 0.3280



61.6882, 0.2951, 0.3472

Square

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



61.6882, 0.3460, 0.3280



61.6882, 0.3344, 0.3647



61.6882, 0.2804, 0.3286



61.6882, 0.2907, 0.2951

Rectangle

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



61.6882, 0.3460, 0.3280



61.6882, 0.3511, 0.3548



61.6882, 0.2804, 0.3286



61.6882, 0.2756, 0.3021

Sweetspot

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



61.6910, 0.3460, 0.3280



91.3575, 0.3209, 0.3287



63.5893, 0.3137, 0.2852



19.3043, 0.3221, 0.3287



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.



61.6910, 0.3460, 0.3280



67.5426, 0.3542, 0.3278



71.0641, 0.3432, 0.3501



15.7650, 0.3290, 0.3285



10.1507, 0.6375, 0.3286



0.8466, 0.6308, 0.3249

Inverse Universe

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



61.6910, 0.3460, 0.3280



67.5426, 0.3542, 0.3278



68.2563, 0.2850, 0.3070



15.7650, 0.3290, 0.3285



10.1507, 0.6375, 0.3286



0.8466, 0.6308, 0.3249

Previews

White Background



This preview shows how the Yxy color 61.6882, 0.3460, 0.3280 looks on a white background.

Color Contrast Check

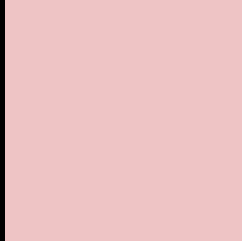
Large Text (above 18pt) WCAG AA × Fail

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 61.6882, 0.3460, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

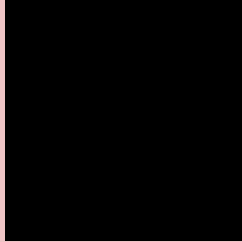
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6882, 0.3460, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 61.6882, 0.3460, 0.3280.



This preview shows how white text looks on a background with the Yxy color 61.6882, 0.3460, 0.3280.

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

61.6882, 0.3460, 0.3280

Protanopia

61.7758, 0.3195, 0.3325

Deuteranopia

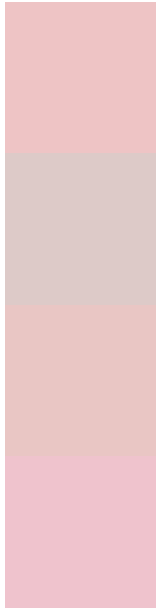
61.6554, 0.3398, 0.3324



Tritanopia

61.5377, 0.3377, 0.3130

Trichromacy



Original Color

61.6882, 0.3460, 0.3280

Protanomaly

61.7833, 0.3291, 0.3313

Deuteranomaly

61.6973, 0.3424, 0.3313

Tritanomaly

61.7887, 0.3407, 0.3183

Monochromacy



Original Color

61.6882, 0.3460, 0.3280

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8092, 0.3244, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6882, 0.3460, 0.3280 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(238, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 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(238, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.6882, 0.3460, 0.3280 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(238, 196, 197) }
```

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

```
.border{ border-color:rgb(238, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(238, 196,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6882, 0.3460, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 196, 197) }
```

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

```
.background{ background-color: rgb(238,  
196, 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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