

Converting Colors

Yxy(58.8067, 0.3415, 0.3250)

Have a look what the booklet for
Yxy(58.8067, 0.3415, 0.3250)
contains.

Yxy(58.6737, 0.3418, 0.3246)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6737, 0.3418, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	E7C0C4
RGB	231, 192, 196
RGB Percent	91%, 75%, 77%
CMY	0.0939, 0.2471, 0.2313
CMYK	0.00, 0.17, 0.15, 0.09
HSL	354°, 45%, 83%
HSV	354°, 17%, 91%
XYZ	61.7827, 58.6737, 60.3005
YIQ	204.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

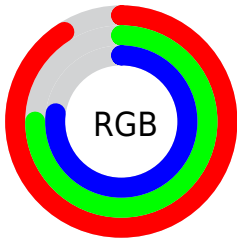
Format	Color
R_{YB}	231, 192, 196
Decimal	15188164
CIE _{Lab}	81.11, 14.54, 3.19
CIE _{LCh}	81, 14.885, 12.385
Yxy	58.6737, 0.3418, 0.3246
Android (android.graphics.Color)	4293378244 (0xFFE7C0C4)
YUV	204.1170, -4.0017, 23.5764
Hunter-Lab	76.5988, 9.9260, 6.9445

Details

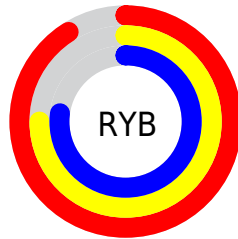
The Yxy color $58.6737, 0.3418, 0.3246$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $73.9349, 0.2895, 0.3335$, and the grayscale version is $60.4814, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.4867, 0.3142, 0.3242$, and $29.2439, 0.3499, 0.3233$ is the 20% darker color. If you saturate the color by 10%, you get $48.4353, 0.3648, 0.3218$, and if you desaturate by 10%, it is $70.6405, 0.3233, 0.3273$.

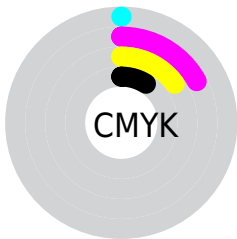
Distribution



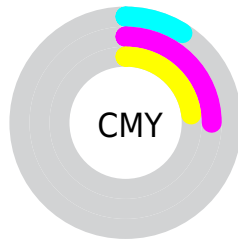
- Red (91%)
- Green (75%)
- Blue (77%)



- Red (91%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (9%)




- Cyan (9%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6737, 0.3418, 0.3246 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 58.6737, 0.3418, 0.3246 by changing the saturation by 10% instead.


 58.6737, 0.3418,
0.3246

 58.6737, 0.3418,
0.3246


419.6916, 0.3278,
0.3268

 42.3505, 0.3452,
0.3240


 102.9033, 0.3368,
0.3254

 29.3758, 0.3494,
0.3233


131.5784, 0.3349,
0.3257

 19.3653, 0.3549,
0.3223

165.1397, 0.3333,
0.3260

 11.9345, 0.3624,
0.3210

203.9715, 0.3319,
0.3262

 6.6991, 0.3731,
0.3190

248.4582, 0.3306,
0.3264

 3.2747, 0.3895,
0.3157

298.9842, 0.3296,

 1.2768, 0.4181,

0.3266

0.3094

355.9339, 0.3286,
0.3267

0.1231, 0.7931,
0.2069

0.0000, 0.0000,
0.0000

58.6737, 0.3418,
0.3246

58.6737, 0.3418,
0.3246

48.4353, 0.3648,
0.3218

70.6405, 0.3233,
0.3273

39.8379, 0.3932,
0.3191

84.4019, 0.3085,
0.3297

32.7985, 0.4277,
0.3166

95.7382, 0.2982,
0.3290

27.2236, 0.4680,
0.3148

■ 23.0098, 0.5126,
0.3142

■ 20.0401, 0.5575,
0.3154

■ 18.1778, 0.5966,
0.3186

■ 17.2481, 0.6239,
0.3233

■ 17.0635, 0.6299,
0.3244

Harmonies

Analogous

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



58.6737, 0.3253, 0.3096



58.6737, 0.3418, 0.3246



58.6737, 0.3504, 0.3411

Triad

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



58.6737, 0.3418, 0.3246



58.6737, 0.3188, 0.3608



58.6737, 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.



58.6737, 0.3418, 0.3246



73.9349, 0.2895, 0.3335

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.



58.6737, 0.2765, 0.3151



58.6737, 0.3418, 0.3246



58.6737, 0.2996, 0.3496

Square

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



58.6737, 0.3418, 0.3246



58.6737, 0.3368, 0.3626



58.6737, 0.2843, 0.3325



58.6737, 0.2885, 0.2967

Rectangle

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



58.6737, 0.3418, 0.3246



58.6737, 0.3503, 0.3509



58.6737, 0.2843, 0.3325



58.6737, 0.2764, 0.3057

Sweetspot

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



58.6763, 0.3418, 0.3246



91.4184, 0.3203, 0.3277



59.7140, 0.3111, 0.2867



19.3190, 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.



58.6763, 0.3418, 0.3246



69.0621, 0.3486, 0.3237



65.4101, 0.3423, 0.3456



14.3920, 0.3276, 0.3266



9.5693, 0.6277, 0.3231



0.7153, 0.5996, 0.3077

Inverse Universe

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



58.6763, 0.3418, 0.3246



69.0621, 0.3486, 0.3237



66.1287, 0.2864, 0.3118



14.3920, 0.3276, 0.3266



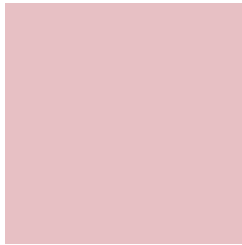
9.5693, 0.6277, 0.3231



0.7153, 0.5996, 0.3077

Previews

White Background



This preview shows how the Yxy color 58.6737, 0.3418, 0.3246 looks on a white background.

Color Contrast Check

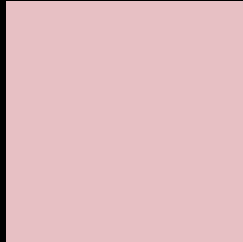
Large Text (above 18pt) WCAG AA × Fail

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 58.6737, 0.3418, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

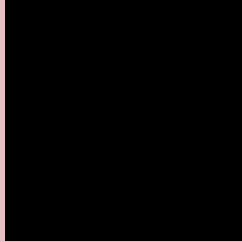
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6737, 0.3418, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 58.6737, 0.3418, 0.3246.



This preview shows how white text looks on a background with the Yxy color 58.6737, 0.3418, 0.3246.

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

58.6737, 0.3418, 0.3246

Protanopia

58.9695, 0.3158, 0.3290

Deuteranopia

58.6583, 0.3355, 0.3291



Tritanopia

58.8252, 0.3355, 0.3137

Trichromacy



Original Color

58.6737, 0.3418, 0.3246

Protanomaly

58.8078, 0.3247, 0.3279

Deuteranomaly

58.6925, 0.3381, 0.3279

Tritanomaly

58.6817, 0.3379, 0.3169

Monochromacy



Original Color

58.6737, 0.3418, 0.3246

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.8217, 0.3230, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6737, 0.3418, 0.3246 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(231, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(231, 192, 196)  
}
```

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(231, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 192, 196) }
```

Border

The CSS property to change the border of an element to Yxy 58.6737, 0.3418, 0.3246 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(231, 192, 196) }
```

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

```
.border{ border-color:rgb(231, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(231, 192,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6737, 0.3418, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 192, 196) }
```

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

```
.background{ background-color: rgb(231,  
192, 196) }
```

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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