

Converting Colors

$Yxy(58.7805, 0.3512, 0.3251)$

Have a look what the booklet for
Yxy(58.7805, 0.3512, 0.3251)
contains.

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Color

Yxy(58.5962, 0.3515, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	EFBDC1
RGB	239, 189, 193
RGB Percent	94%, 74%, 76%
CMY	0.0626, 0.2589, 0.2430
CMYK	0.00, 0.21, 0.19, 0.06
HSL	355°, 61%, 84%
HSV	355°, 21%, 94%
XYZ	63.4326, 58.5962, 58.4338
YIQ	204.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

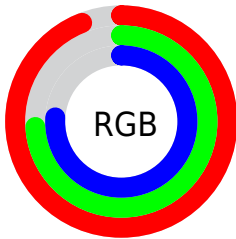
Format	Color
R _Y B	239, 189, 193
Decimal	15711681
CIE Lab	81.07, 18.54, 4.83
CIE LCh	81, 19.164, 14.602
Yxy	58.5962, 0.3515, 0.3247
Android (android.graphics.Color)	4293901761 (0xFFEFBDC1)
YUV	204.4060, -5.6232, 30.3389
Hunter-Lab	76.5482, 13.9570, 8.3241

Details

The Yxy color **58.5962, 0.3515, 0.3247** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.5732, 0.2837, 0.3334**, and the grayscale version is **60.6807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4044, 0.3168, 0.3252**, and **29.1665, 0.3609, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **48.2403, 0.3773, 0.3225**, and if you desaturate by 10%, it is **70.7980, 0.3307, 0.3268**.

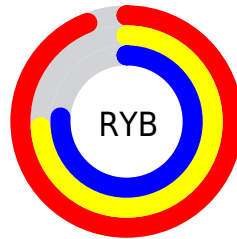
Distribution



Red (94%)

Green (74%)

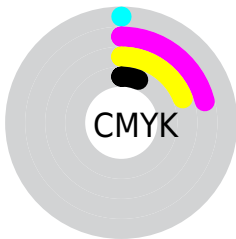
Blue (76%)



Red (94%)

Yellow (74%)

Blue (76%)

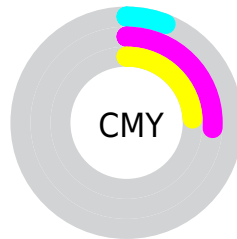


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (6%)



Cyan (6%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5962, 0.3515, 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 58.5962, 0.3515, 0.3247 by changing the saturation by 10% instead.


 58.5962, 0.3515,
0.3247

 58.5962, 0.3515,
0.3247


419.4039, 0.3327,
0.3270

 42.2881, 0.3560,
0.3241


 102.7906, 0.3448,
0.3256

 29.3270, 0.3617,
0.3233


131.4456, 0.3423,
0.3259

 19.3283, 0.3691,
0.3222

164.9852, 0.3401,
0.3261

 11.9078, 0.3791,
0.3207

203.7936, 0.3382,
0.3264

 6.6809, 0.3933,
0.3183

248.2553, 0.3366,
0.3265

 3.2633, 0.4153,
0.3143

298.7546, 0.3351,

 1.2707, 0.4533,

0.3267

0.3064

355.6760, 0.3339,
0.3269

0.1184, 0.8269,
0.1731

0.0000, 0.0000,
0.0000

58.5962, 0.3515,
0.3247

58.5962, 0.3515,
0.3247

48.2403, 0.3773,
0.3225

70.7980, 0.3307,
0.3268

39.6327, 0.4091,
0.3205

84.9208, 0.3141,
0.3288

32.6795, 0.4471,
0.3187

97.0981, 0.3030,
0.3290

27.2744, 0.4907,
0.3178

■ 23.2987, 0.5368,
0.3180

■ 20.6168, 0.5803,
0.3197

■ 19.0667, 0.6142,
0.3230

■ 18.4061, 0.6331,
0.3261

Harmonies

Analogous

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



58.5962, 0.3306, 0.3055



58.5962, 0.3515, 0.3247



58.5962, 0.3617, 0.3456

Triad

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



58.5962, 0.3515, 0.3247



58.5962, 0.3185, 0.3696



58.5962, 0.2689, 0.2935

Complementary

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



58.5962, 0.3515, 0.3247



78.5732, 0.2837, 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.



58.5962, 0.2661, 0.3092



58.5962, 0.3515, 0.3247



58.5962, 0.2941, 0.3543

Square

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



58.5962, 0.3515, 0.3247



58.5962, 0.3421, 0.3727



58.5962, 0.2751, 0.3316



58.5962, 0.2830, 0.2877

Rectangle

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



58.5962, 0.3515, 0.3247



58.5962, 0.3608, 0.3581



58.5962, 0.2751, 0.3316



58.5962, 0.2667, 0.2978

Sweetspot

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



58.5989, 0.3515, 0.3247



89.7507, 0.3221, 0.3278



60.2641, 0.3119, 0.2764



18.9822, 0.3232, 0.3277



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.



58.5989, 0.3515, 0.3247



62.6343, 0.3615, 0.3238



68.0474, 0.3503, 0.3516



15.7795, 0.3281, 0.3271



10.1750, 0.6312, 0.3251



0.8536, 0.6103, 0.3136

Inverse Universe

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



58.5989, 0.3515, 0.3247



62.6343, 0.3615, 0.3238



67.2908, 0.2799, 0.3053



15.7795, 0.3281, 0.3271



10.1750, 0.6312, 0.3251



0.8536, 0.6103, 0.3136

Previews

White Background



This preview shows how the Yxy color 58.5962, 0.3515, 0.3247 looks on a white background.

Color Contrast Check

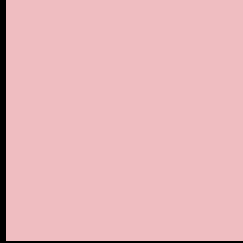
Large Text (above 18pt) WCAG AA × Fail

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 58.5962, 0.3515, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

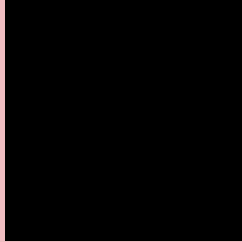
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5962, 0.3515, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 58.5962, 0.3515, 0.3247.



This preview shows how white text looks on a background with the Yxy color 58.5962, 0.3515, 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

58.5962, 0.3515, 0.3247

Protanopia

59.0652, 0.3173, 0.3302

Deuteranopia

58.8435, 0.3395, 0.3325



Tritanopia

58.7560, 0.3451, 0.3140

Trichromacy



Original Color

58.5962, 0.3515, 0.3247

Protanomaly

58.8691, 0.3295, 0.3291

Deuteranomaly

58.7687, 0.3440, 0.3302

Tritanomaly

58.6152, 0.3475, 0.3172

Monochromacy



Original Color

58.5962, 0.3515, 0.3247

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7687, 0.3262, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5962, 0.3515, 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(239, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 193)  
}
```

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(239, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.5962, 0.3515, 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(239, 189, 193) }
```

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

```
.border{ border-color:rgb(239, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5962, 0.3515, 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(239, 189, 193) }
```

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

```
.background{ background-color: rgb(239,  
189, 193) }
```

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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