

Converting Colors

Yxy(61.2024, 0.3577, 0.3510)

Have a look what the booklet for
Yxy(61.2024, 0.3577, 0.3510)
contains.

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Color

Yxy(61.2647, 0.3583, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	EBC6B2
RGB	235, 198, 178
RGB Percent	92%, 78%, 70%
CMY	0.0785, 0.2235, 0.3020
CMYK	0.00, 0.16, 0.24, 0.08
HSL	21°, 59%, 81%
HSV	21°, 24%, 92%
XYZ	62.4855, 61.2647, 50.6441
YIQ	206.7830, 28.4720, 1.6240

Conversions

Conversions Part 2

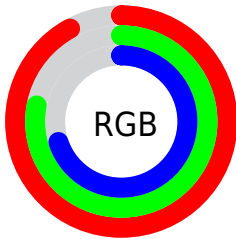
Format	Color
R _Y B	235, 209, 178
Decimal	15451826
CIE Lab	82.52, 10.10, 14.90
CIE LCh	83, 18.005, 55.870
Yxy	61.2647, 0.3583, 0.3513
Android (android.graphics.Color)	4293641906 (0xFFEBC6B2)
YUV	206.7830, -14.1900, 24.7463
Hunter-Lab	78.2718, 5.5235, 16.4279

Details

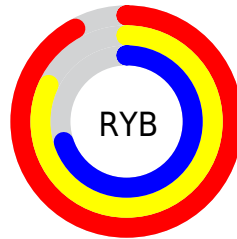
The Yxy color **61.2647, 0.3583, 0.3513** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.0395, 0.2750, 0.3056**, and the grayscale version is **62.3293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **31.0109, 0.3710, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **53.7816, 0.3828, 0.3611**, and if you desaturate by 10%, it is **69.6163, 0.3373, 0.3418**.

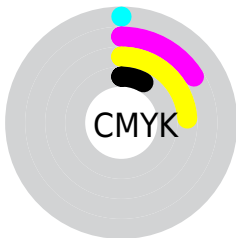
Distribution



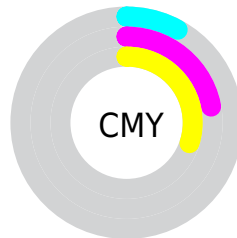
- Red (92%)
- Green (78%)
- Blue (70%)



- Red (92%)
- Yellow (82%)
- Blue (70%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2647, 0.3583, 0.3513 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 61.2647, 0.3583, 0.3513 by changing the saturation by 10% instead.


 61.2647, 0.3583,
0.3513

 61.2647, 0.3583,
0.3513


429.2439, 0.3364,
0.3410

 44.4388, 0.3635,
0.3536


 106.6621, 0.3505,
0.3478

 31.0156, 0.3700,
0.3564


136.0024, 0.3476,
0.3464

 20.6108, 0.3785,
0.3600


170.2830, 0.3450,
0.3452

 12.8398, 0.3898,
0.3645

209.8883, 0.3428,
0.3441

 7.3183, 0.4056,
0.3705

255.2026, 0.3409,
0.3432

 3.6620, 0.4294,
0.3784

306.6104, 0.3392,

 1.4863, 0.4782,

0.3424

0.3970

364.4960, 0.3377,
0.3417

0.2791, 0.6472,
0.3528

0.0000, 0.0000,
0.0000

61.2647, 0.3583,
0.3513

61.2647, 0.3583,
0.3513

53.7816, 0.3828,
0.3611

69.6163, 0.3373,
0.3418

47.1297, 0.4109,
0.3705

78.8554, 0.3195,
0.3327

41.2813, 0.4424,
0.3788

89.0110, 0.3043,
0.3242

36.2037, 0.4766,
0.3850

96.3992, 0.3005,
0.3290

■ 31.8619, 0.5114,
0.3878

■ 28.2172, 0.5443,
0.3859

■ 25.2268, 0.5722,
0.3789

■ 23.7793, 0.5856,
0.3732

Harmonies

Analogous

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



61.2647, 0.3535, 0.3324



61.2647, 0.3583, 0.3513



61.2647, 0.3503, 0.3652

Triad

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



61.2647, 0.3583, 0.3513



61.2647, 0.2880, 0.3449



61.2647, 0.2923, 0.2911

Complementary

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



61.2647, 0.3583, 0.3513



64.0395, 0.2750, 0.3056

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.



61.2647, 0.2759, 0.2929



61.2647, 0.3583, 0.3513



61.2647, 0.2735, 0.3233

Square

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



61.2647, 0.3583, 0.3513



61.2647, 0.3094, 0.3623



61.2647, 0.2691, 0.3044



61.2647, 0.3148, 0.2986

Rectangle

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



61.2647, 0.3583, 0.3513



61.2647, 0.3391, 0.3695



61.2647, 0.2691, 0.3044



61.2647, 0.2859, 0.2906

Sweetspot

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



61.2675, 0.3583, 0.3513



91.7372, 0.3241, 0.3351



54.4032, 0.3315, 0.2888



19.4885, 0.3252, 0.3357



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.



61.2675, 0.3583, 0.3513



69.2401, 0.3698, 0.3561



75.5018, 0.3513, 0.3811



15.9198, 0.3284, 0.3373



13.4533, 0.5828, 0.3755



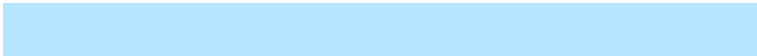
1.2314, 0.5562, 0.3966

Inverse Universe

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



64.0395, 0.2750, 0.3056



73.0976, 0.2675, 0.3002



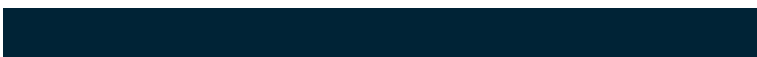
50.8051, 0.2721, 0.2709



16.1794, 0.2981, 0.3205



16.1626, 0.1916, 0.2099



1.4486, 0.1968, 0.2283

Previews

White Background



This preview shows how the Yxy color 61.2647, 0.3583, 0.3513 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 61.2647, 0.3583, 0.3513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

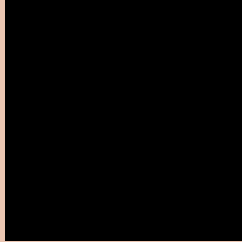
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2647, 0.3583, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 61.2647, 0.3583, 0.3513.



This preview shows how white text looks on a background with the Yxy color 61.2647, 0.3583, 0.3513.

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

61.2647, 0.3583, 0.3513

Protanopia

61.4871, 0.3373, 0.3558

Deuteranopia

61.2647, 0.3583, 0.3513



Tritanopia

61.5377, 0.3377, 0.3130

Trichromacy



Original Color

61.2647, 0.3583, 0.3513

Protanomaly

61.1069, 0.3443, 0.3531

Deuteranomaly

61.2647, 0.3583, 0.3513

Tritanomaly

61.2846, 0.3454, 0.3258

Monochromacy



Original Color

61.2647, 0.3583, 0.3513

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9230, 0.3286, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2647, 0.3583, 0.3513 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(235, 198, 178)` looks like.

```
.text, #text, p{  
    color:rgb(235, 198, 178)  
}
```

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(235, 198, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 198, 178) }
```

Border

The CSS property to change the border of an element to Yxy 61.2647, 0.3583, 0.3513 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(235, 198, 178) }
```

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

```
.border{ border-color:rgb(235, 198, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 198, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 198, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 198, 178);  
box-shadow:4px 4px 4px 4px rgb(235, 198,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2647, 0.3583, 0.3513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 198, 178) }
```

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

```
.background{ background-color: rgb(235,  
198, 178) }
```

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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