

Converting Colors

$Yxy(61.7637, 0.3573, 0.3512)$

Have a look what the booklet for
Yxy(61.7637, 0.3573, 0.3512)
contains.

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Color

Yxy(61.7637, 0.3573, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	EBC7B3
RGB	235, 199, 179
RGB Percent	92%, 78%, 70%
CMY	0.0782, 0.2197, 0.2980
CMYK	0.00, 0.15, 0.24, 0.08
HSL	21°, 58%, 81%
HSV	21°, 24%, 92%
XYZ	62.8365, 61.7637, 51.2646
YIQ	207.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

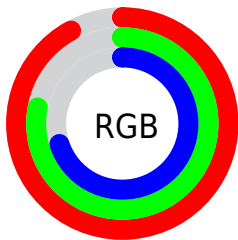
Format	Color
RYB	235, 210, 179
Decimal	15452083
CIELab	82.79, 9.76, 14.73
CIELCh	83, 17.675, 56.465
Yxy	61.7637, 0.3573, 0.3512
Android (android.graphics.Color)	4293642163 (0xFFEBC7B3)
YUV	207.4840, -14.0426, 24.1315
Hunter-Lab	78.5899, 5.1872, 16.3378

Details

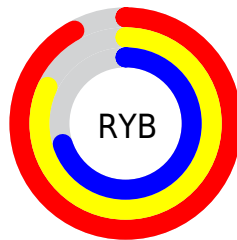
The Yxy color **61.7637, 0.3573, 0.3512** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2341, 0.2756, 0.3057**, and the grayscale version is **62.8097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **31.3409, 0.3695, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **54.2755, 0.3815, 0.3611**, and if you desaturate by 10%, it is **70.1120, 0.3365, 0.3415**.

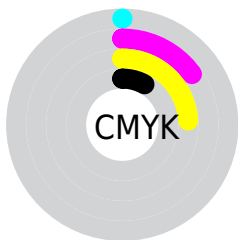
Distribution



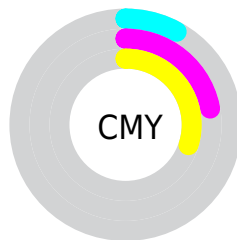
- Red (92%)
- Green (78%)
- Blue (70%)



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



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (8%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7637, 0.3573, 0.3512 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 61.7637, 0.3573, 0.3512 by changing the saturation by 10% instead.


 61.7637, 0.3573,
0.3512

 61.7637, 0.3573,
0.3512


431.0686, 0.3359,
0.3410

 44.8418, 0.3624,
0.3535


 107.3839, 0.3497,
0.3477

 31.3328, 0.3687,
0.3563


136.8511, 0.3468,
0.3463

 20.8524, 0.3770,
0.3599


171.2687, 0.3443,
0.3451

 13.0162, 0.3879,
0.3644

211.0213, 0.3422,
0.3441

 7.4397, 0.4033,
0.3703

256.4931, 0.3403,
0.3432

 3.7386, 0.4264,
0.3784

308.0687, 0.3387,

 1.5284, 0.4720,

0.3424

0.3956

366.1324, 0.3372,
0.3416

0.3086, 0.6327,
0.3673

0.0000, 0.0000,
0.0000

61.7637, 0.3573,
0.3512

61.7637, 0.3573,
0.3512

54.2755, 0.3815,
0.3611

70.1120, 0.3365,
0.3415

47.6106, 0.4094,
0.3707

79.3388, 0.3188,
0.3324

41.7418, 0.4406,
0.3792

89.4727, 0.3037,
0.3238

36.6371, 0.4745,
0.3857

96.4122, 0.3006,
0.3290

■ 32.2620, 0.5091,
0.3887

■ 28.5789, 0.5420,
0.3871

■ 25.5457, 0.5699,
0.3803

■ 23.9742, 0.5843,
0.3742

Harmonies

Analogous

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



61.7637, 0.3529, 0.3328



61.7637, 0.3573, 0.3512



61.7637, 0.3493, 0.3647

Triad

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



61.7637, 0.3573, 0.3512



61.7637, 0.2882, 0.3442



61.7637, 0.2932, 0.2919

Complementary

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



61.7637, 0.3573, 0.3512



64.2341, 0.2756, 0.3057

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.



61.7637, 0.2769, 0.2935



61.7637, 0.3573, 0.3512



61.7637, 0.2741, 0.3231

Square

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



61.7637, 0.3573, 0.3512



61.7637, 0.3090, 0.3614



61.7637, 0.2700, 0.3046



61.7637, 0.3152, 0.2994

Rectangle

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



61.7637, 0.3573, 0.3512



61.7637, 0.3382, 0.3687



61.7637, 0.2700, 0.3046



61.7637, 0.2869, 0.2914

Sweetspot

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



61.7665, 0.3573, 0.3512



91.7900, 0.3241, 0.3352



54.8475, 0.3311, 0.2895



19.5007, 0.3252, 0.3358



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.



61.7665, 0.3573, 0.3512



69.4170, 0.3697, 0.3564



75.6756, 0.3506, 0.3802



15.9323, 0.3284, 0.3375



13.5541, 0.5814, 0.3765



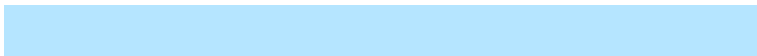
1.2403, 0.5550, 0.3975

Inverse Universe

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



64.2341, 0.2756, 0.3057



72.8960, 0.2675, 0.2998



51.3067, 0.2728, 0.2720



16.1665, 0.2981, 0.3204



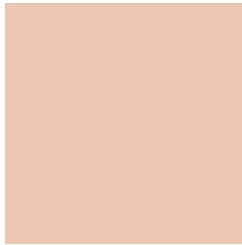
15.9545, 0.1912, 0.2081



1.4333, 0.1963, 0.2268

Previews

White Background



This preview shows how the Yxy color 61.7637, 0.3573, 0.3512 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 61.7637, 0.3573, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

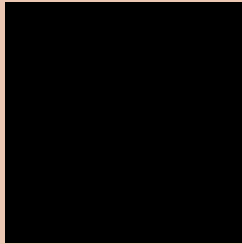
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7637, 0.3573, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 61.7637, 0.3573, 0.3512.



This preview shows how white text looks on a background with the Yxy color 61.7637, 0.3573, 0.3512.

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

61.7637, 0.3573, 0.3512

Protanopia

62.1189, 0.3379, 0.3568

Deuteranopia

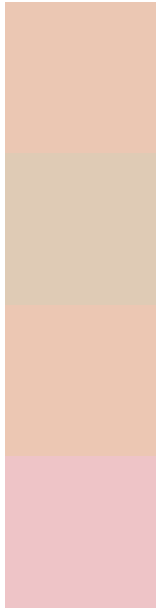
61.9344, 0.3581, 0.3512



Tritanopia

62.0341, 0.3367, 0.3130

Trichromacy



Original Color

61.7637, 0.3573, 0.3512

Protanomaly

61.7360, 0.3449, 0.3541

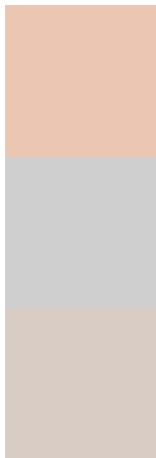
Deuteranomaly

61.9344, 0.3581, 0.3512

Tritanomaly

61.7805, 0.3444, 0.3258

Monochromacy



Original Color

61.7637, 0.3573, 0.3512

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.9687, 0.3279, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7637, 0.3573, 0.3512 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, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 179)  
}
```

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, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 179) }
```

Border

The CSS property to change the border of an element to Yxy 61.7637, 0.3573, 0.3512 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, 199, 179) }
```

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

```
.border{ border-color:rgb(235, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7637, 0.3573, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 199, 179) }
```

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

```
.background{ background-color: rgb(235,  
199, 179) }
```

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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