

Converting Colors

Yxy(61.4519, 0.3621, 0.3578)

Have a look what the booklet for
Yxy(61.4519, 0.3621, 0.3578)
contains.

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Color

Yxy(61.5261, 0.3620, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	EBC7AD
RGB	235, 199, 173
RGB Percent	92%, 78%, 68%
CMY	0.0786, 0.2195, 0.3216
CMYK	0.00, 0.15, 0.26, 0.08
HSL	25°, 61%, 80%
HSV	25°, 26%, 92%
XYZ	62.2135, 61.5261, 48.1210
YIQ	206.8000, 29.8020, -0.4540

Conversions

Conversions Part 2

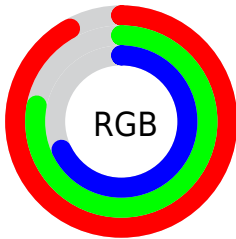
Format	Color
R _{YB}	235, 218, 173
Decimal	15452077
CIE Lab	82.66, 8.87, 17.76
CIE LCh	83, 19.852, 63.471
Yxy	61.5261, 0.3620, 0.3580
Android (android.graphics.Color)	4293642157 (0xFFEBC7AD)
YUV	206.8000, -16.6634, 24.7314
Hunter-Lab	78.4386, 4.3097, 18.5334

Details

The Yxy color **61.5261, 0.3620, 0.3580** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4321, 0.2712, 0.2981**, and the grayscale version is **62.3543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **31.0963, 0.3738, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **54.7070, 0.3860, 0.3696**, and if you desaturate by 10%, it is **69.0718, 0.3410, 0.3466**.

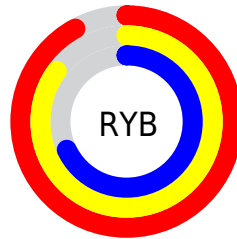
Distribution



Red (92%)

Green (78%)

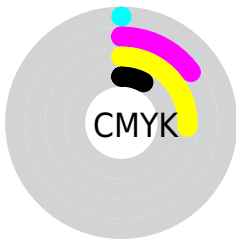
Blue (68%)



Red (92%)

Yellow (85%)

Blue (68%)

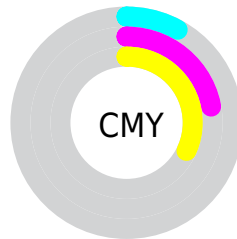


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (22%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5261, 0.3620, 0.3580 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 61.5261, 0.3620, 0.3580 by changing the saturation by 10% instead.


 61.5261, 0.3620,
0.3580

 61.5261, 0.3620,
0.3580

430.2004, 0.3384,
0.3446

 44.6499, 0.3676,
0.3610


 107.0403, 0.3536,
0.3534

 31.1817, 0.3746,
0.3647


136.4471, 0.3504,
0.3516

 20.7373, 0.3836,
0.3694


170.7996, 0.3477,
0.3500

 12.9321, 0.3956,
0.3754

210.4821, 0.3453,
0.3486

 7.3818, 0.4124,
0.3832

255.8790, 0.3433,
0.3474

 3.7020, 0.4371,
0.3937

307.3747, 0.3414,

 1.5083, 0.4961,

0.3464

0.4240

365.3537, 0.3398,
0.3454

0.2946, 0.6276,
0.3724

0.0000, 0.0000,
0.0000

61.5261, 0.3620,
0.3580

61.5261, 0.3620,
0.3580

54.7070, 0.3860,
0.3696

69.0718, 0.3410,
0.3466

48.5831, 0.4131,
0.3806

77.3575, 0.3229,
0.3356

43.1328, 0.4427,
0.3903

86.4070, 0.3073,
0.3254

38.3300, 0.4741,
0.3975

95.4455, 0.3005,
0.3275

■ 34.1465, 0.5053,
0.4008

■ 96.3939, 0.3005,
0.3290

■ 30.5514, 0.5342,
0.3990

■ 27.5093, 0.5585,
0.3918

■ 26.5296, 0.5664,
0.3885

Harmonies

Analogous

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



61.5261, 0.3604, 0.3381



61.5261, 0.3620, 0.3580



61.5261, 0.3499, 0.3713

Triad

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



61.5261, 0.3620, 0.3580



61.5261, 0.2806, 0.3406



61.5261, 0.2961, 0.2886

Complementary

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



61.5261, 0.3620, 0.3580



60.4321, 0.2712, 0.2981

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.



61.5261, 0.2759, 0.2879



61.5261, 0.3620, 0.3580



61.5261, 0.2673, 0.3168

Square

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



61.5261, 0.3620, 0.3580



61.5261, 0.3026, 0.3619



61.5261, 0.2656, 0.2977



61.5261, 0.3215, 0.2992

Rectangle

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



61.5261, 0.3620, 0.3580



61.5261, 0.3360, 0.3740



61.5261, 0.2656, 0.2977



61.5261, 0.2885, 0.2872

Sweetspot

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



61.5289, 0.3620, 0.3580



91.4403, 0.3257, 0.3374



52.1433, 0.3370, 0.2895



19.2417, 0.3284, 0.3390



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.



61.5289, 0.3620, 0.3580



69.2558, 0.3755, 0.3647



77.1455, 0.3538, 0.3898



16.0945, 0.3282, 0.3389



15.0114, 0.5636, 0.3907



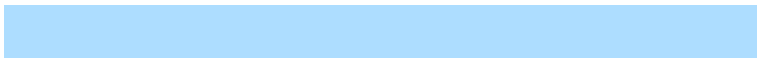
1.3652, 0.5390, 0.4102

Inverse Universe

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



60.4321, 0.2712, 0.2981



67.7071, 0.2621, 0.2902



46.7756, 0.2676, 0.2599



15.9995, 0.2981, 0.3189



13.4328, 0.1848, 0.1854



1.2444, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 61.5261, 0.3620, 0.3580 looks on a white background.

Color Contrast Check

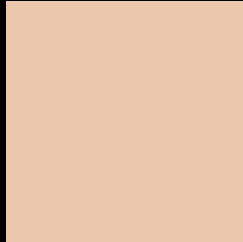
Large Text (above 18pt) WCAG AA × Fail

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 61.5261, 0.3620, 0.3580 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 61.5261, 0.3620, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 61.5261, 0.3620, 0.3580.



This preview shows how white text looks on a background with the Yxy color 61.5261, 0.3620, 0.3580.

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

61.5261, 0.3620, 0.3580

Protanopia

61.3962, 0.3426, 0.3628

Deuteranopia

61.4098, 0.3640, 0.3567



Tritanopia

61.5377, 0.3377, 0.3130

Trichromacy



Original Color

61.5261, 0.3620, 0.3580

Protanomaly

61.4950, 0.3495, 0.3611

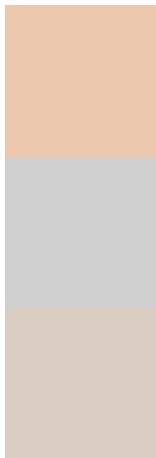
Deuteranomaly

61.2382, 0.3631, 0.3568

Tritanomaly

61.6425, 0.3468, 0.3291

Monochromacy



Original Color

61.5261, 0.3620, 0.3580

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8776, 0.3294, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5261, 0.3620, 0.3580 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(235, 199, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 199, 173) }
```

Border

The CSS property to change the border of an element to Yxy 61.5261, 0.3620, 0.3580 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, 173) }
```

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

```
.border{ border-color:rgb(235, 199, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(235, 199,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5261, 0.3620, 0.3580 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, 173) }
```

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

```
.background{ background-color: rgb(235,  
199, 173) }
```

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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