

Converting Colors

$Yxy(58.8766, 0.3573, 0.3525)$

Have a look what the booklet for
Yxy(58.8766, 0.3573, 0.3525)
contains.

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Color

Yxy(58.7442, 0.3572, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	E5C3AE
RGB	229, 195, 174
RGB Percent	90%, 76%, 68%
CMY	0.1021, 0.2352, 0.3176
CMYK	0.00, 0.15, 0.24, 0.10
HSL	23°, 51%, 79%
HSV	23°, 24%, 90%
XYZ	59.4600, 58.7442, 48.2571
YIQ	202.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

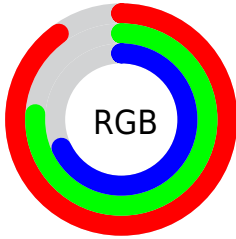
Format	Color
R _Y B	229, 208, 174
Decimal	15057838
CIE Lab	81.15, 8.87, 15.02
CIE LCh	81, 17.441, 59.417
Yxy	58.7442, 0.3572, 0.3529
Android (android.graphics.Color)	4293247918 (0xFFE5C3AE)
YUV	202.7720, -14.1846, 23.0020
Hunter-Lab	76.6448, 4.3496, 16.3211

Details

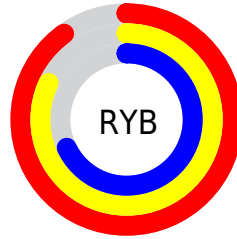
The Yxy color **58.7442, 0.3572, 0.3529** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.7472, 0.2753, 0.3038**, and the grayscale version is **59.6484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5940, 0.3277, 0.3504**, and **29.3391, 0.3688, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **51.8867, 0.3810, 0.3635**, and if you desaturate by 10%, it is **66.3598, 0.3366, 0.3426**.

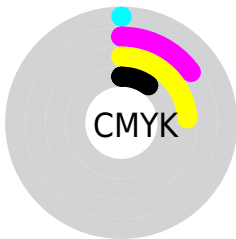
Distribution



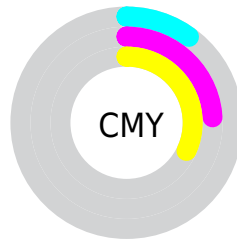
- Red (90%)
- Green (76%)
- Blue (68%)



- Red (90%)
- Yellow (82%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (24%)
- Black (10%)





- Cyan (10%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7442, 0.3572, 0.3529 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 58.7442, 0.3572, 0.3529 by changing the saturation by 10% instead.


 58.7442, 0.3572,
0.3529

 58.7442, 0.3572,
0.3529


419.9533, 0.3357,
0.3418

 42.4072, 0.3624,
0.3554


 103.0058, 0.3495,
0.3490

 29.4203, 0.3688,
0.3586


131.6992, 0.3466,
0.3475

 19.3990, 0.3773,
0.3625


165.2802, 0.3441,
0.3462

 11.9589, 0.3886,
0.3676

204.1333, 0.3420,
0.3451

 6.7157, 0.4046,
0.3745

248.6427, 0.3401,
0.3441

 3.2850, 0.4288,
0.3837

299.1929, 0.3384,

 1.2823, 0.4905,

0.3432

0.4144

356.1683, 0.3370,
0.3425

0.1274, 0.7261,
0.2739

0.0000, 0.0000,
0.0000

58.7442, 0.3572,
0.3529

58.7442, 0.3572,
0.3529

51.8867, 0.3810,
0.3635

66.3598, 0.3366,
0.3426

45.7548, 0.4082,
0.3737

74.7484, 0.3190,
0.3327

40.3255, 0.4386,
0.3829

83.9349, 0.3040,
0.3236

35.5714, 0.4712,
0.3899

93.2387, 0.2969,
0.3256

■ 31.4630, 0.5046,
0.3934

■ 95.3916, 0.2969,
0.3290

■ 27.9679, 0.5361,
0.3923

■ 25.0501, 0.5631,
0.3858

■ 23.5523, 0.5770,
0.3801

Harmonies

Analogous

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



58.7442, 0.3540, 0.3347



58.7442, 0.3572, 0.3529



58.7442, 0.3480, 0.3657

Triad

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



58.7442, 0.3572, 0.3529



58.7442, 0.2863, 0.3422



58.7442, 0.2951, 0.2922

Complementary

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



58.7442, 0.3572, 0.3529



59.7472, 0.2753, 0.3038

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.



58.7442, 0.2780, 0.2928



58.7442, 0.3572, 0.3529



58.7442, 0.2731, 0.3210

Square

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



58.7442, 0.3572, 0.3529



58.7442, 0.3068, 0.3601



58.7442, 0.2701, 0.3030



58.7442, 0.3175, 0.3005

Rectangle

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



58.7442, 0.3572, 0.3529



58.7442, 0.3364, 0.3690



58.7442, 0.2701, 0.3030



58.7442, 0.2886, 0.2913

Sweetspot

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



58.7469, 0.3572, 0.3529



92.0683, 0.3241, 0.3357



51.5245, 0.3320, 0.2903



19.5651, 0.3251, 0.3363



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.



58.7469, 0.3572, 0.3529



70.3549, 0.3691, 0.3584



71.7570, 0.3506, 0.3814



15.2665, 0.3283, 0.3380



13.6864, 0.5742, 0.3823



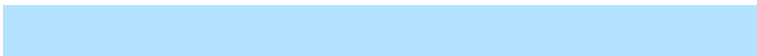
1.1865, 0.5469, 0.4039

Inverse Universe

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



59.7472, 0.2753, 0.3038



71.8421, 0.2672, 0.2976



47.8429, 0.2725, 0.2706



15.3624, 0.2981, 0.3198



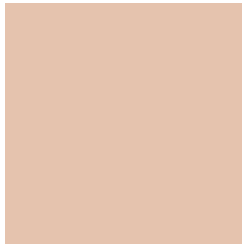
14.4446, 0.1886, 0.1990



1.2456, 0.1945, 0.2200

Previews

White Background



This preview shows how the Yxy color 58.7442, 0.3572, 0.3529 looks on a white background.

Color Contrast Check

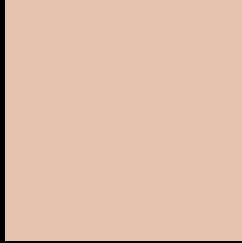
Large Text (above 18pt) WCAG AA × Fail

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 58.7442, 0.3572, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

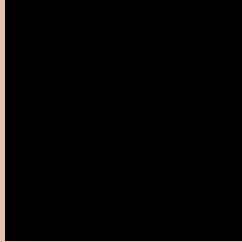
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7442, 0.3572, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 58.7442, 0.3572, 0.3529.



This preview shows how white text looks on a background with the Yxy color 58.7442, 0.3572, 0.3529.

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

58.7442, 0.3572, 0.3529

Protanopia

58.7965, 0.3385, 0.3574

Deuteranopia

58.6285, 0.3592, 0.3517



Tritanopia

58.5583, 0.3365, 0.3126

Trichromacy



Original Color

58.7442, 0.3572, 0.3529

Protanomaly

58.8869, 0.3455, 0.3558

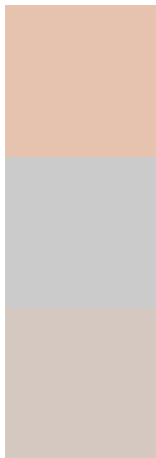
Deuteranomaly

58.4626, 0.3584, 0.3517

Tritanomaly

58.7501, 0.3442, 0.3269

Monochromacy



Original Color

58.7442, 0.3572, 0.3529

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1114, 0.3281, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7442, 0.3572, 0.3529 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(229, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 195, 174)  
}
```

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(229, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 195, 174) }
```

Border

The CSS property to change the border of an element to Yxy 58.7442, 0.3572, 0.3529 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(229, 195, 174) }
```

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

```
.border{ border-color:rgb(229, 195, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 195, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 195, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 195, 174);  
box-shadow:4px 4px 4px 4px rgb(229, 195,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7442, 0.3572, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 195, 174) }
```

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

```
.background{ background-color: rgb(229,  
195, 174) }
```

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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