

Converting Colors

Yxy(59.7035, 0.3566, 0.3609)

Have a look what the booklet for
Yxy(59.7035, 0.3566, 0.3609)
contains.

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Color

Yxy(59.4972, 0.3563, 0.3599)

Conversions

Conversions Part 1

Format	Color
Hex	E2C6AB
RGB	226, 198, 171
RGB Percent	89%, 78%, 67%
CMY	0.1139, 0.2235, 0.3293
CMYK	0.00, 0.12, 0.24, 0.11
HSL	29°, 49%, 78%
HSV	29°, 24%, 89%
XYZ	58.9021, 59.4972, 46.9167
YIQ	203.2940, 25.3550, -2.4610

Conversions

Conversions Part 2

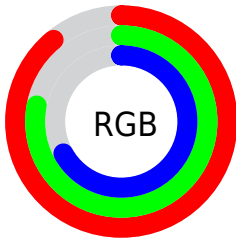
Format	Color
R _{YB}	226, 224, 171
Decimal	14861995
CIE Lab	81.56, 5.75, 17.15
CIE LCh	82, 18.091, 71.466
Yxy	59.4972, 0.3563, 0.3599
Android (android.graphics.Color)	4293052075 (0xFFE2C6AB)
YUV	203.2940, -15.9209, 19.9132
Hunter-Lab	77.1344, 1.3225, 17.9312

Details

The Yxy color $59.4972, 0.3563, 0.3599$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $54.9816, 0.2742, 0.2960$, and the grayscale version is $60.0056, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.2710, 0.3298, 0.3572$, and $29.8245, 0.3674, 0.3667$ is the 20% darker color. If you saturate the color by 10%, you get $53.6531, 0.3785, 0.3733$, and if you desaturate by 10%, it is $65.8929, 0.3367, 0.3468$.

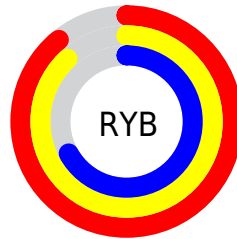
Distribution



Red (89%)

Green (78%)

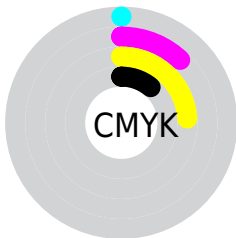
Blue (67%)



Red (89%)

Yellow (88%)

Blue (67%)

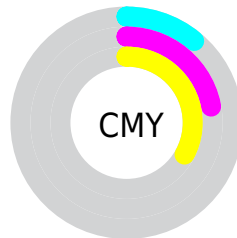


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (11%)



Cyan (11%)

Magenta (22%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4972, 0.3563, 0.3599 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 59.4972, 0.3563, 0.3599 by changing the saturation by 10% instead.

 59.4972, 0.3563,
0.3599

 59.4972, 0.3563,
0.3599

422.7420, 0.3353,
0.3454

 43.0135, 0.3613,
0.3633


 104.0999, 0.3489,
0.3548

 29.8957, 0.3676,
0.3674


132.9878, 0.3460,
0.3529

 19.7594, 0.3756,
0.3727


166.7791, 0.3436,
0.3512

 12.2203, 0.3865,
0.3796

205.8583, 0.3415,
0.3497

 6.8939, 0.4016,
0.3889

250.6098, 0.3396,
0.3484

 3.3958, 0.4242,
0.4019

301.4180, 0.3380,

 1.3417, 0.4889,

0.3473

0.4463

358.6673, 0.3366,
0.3463

0.1732, 0.6378,
0.3622

0.0000, 0.0000,
0.0000

59.4972, 0.3563,
0.3599

59.4972, 0.3563,
0.3599

53.6531, 0.3785,
0.3733

65.8929, 0.3367,
0.3468

48.3360, 0.4031,
0.3863

72.8474, 0.3194,
0.3342

43.5316, 0.4298,
0.3981

80.3783, 0.3045,
0.3224

39.2213, 0.4578,
0.4075

88.0802, 0.2950,
0.3178

■ 35.3852, 0.4857,
0.4133

■ 94.9032, 0.2952,
0.3289

■ 32.0014, 0.5117,
0.4143

■ 29.0449, 0.5340,
0.4098

■ 27.5375, 0.5452,
0.4053

Harmonies

Analogous

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



59.4972, 0.3583, 0.3427



59.4972, 0.3563, 0.3599



59.4972, 0.3423, 0.3696

Triad

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



59.4972, 0.3563, 0.3599



59.4972, 0.2788, 0.3338



59.4972, 0.3034, 0.2934

Complementary

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



59.4972, 0.3563, 0.3599



54.9816, 0.2742, 0.2960

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.



59.4972, 0.2830, 0.2902



59.4972, 0.3563, 0.3599



59.4972, 0.2692, 0.3125

Square

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



59.4972, 0.3563, 0.3599



59.4972, 0.2975, 0.3546



59.4972, 0.2707, 0.2968



59.4972, 0.3271, 0.3053

Rectangle

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



59.4972, 0.3563, 0.3599



59.4972, 0.3284, 0.3699



59.4972, 0.2707, 0.2968



59.4972, 0.2960, 0.2913

Sweetspot

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



59.4999, 0.3563, 0.3599



93.2463, 0.3239, 0.3376



49.4389, 0.3378, 0.2968



19.8377, 0.3249, 0.3383



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

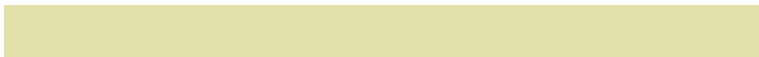
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4999, 0.3563, 0.3599



74.4223, 0.3668, 0.3664



72.9816, 0.3496, 0.3886



14.8070, 0.3280, 0.3405



15.9520, 0.5427, 0.4073



1.2846, 0.5187, 0.4263

Inverse Universe

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



54.9816, 0.2742, 0.2960



67.5386, 0.2662, 0.2883



43.6296, 0.2713, 0.2615



14.3901, 0.2981, 0.3172



10.3608, 0.1781, 0.1613



0.8973, 0.1858, 0.1888

Previews

White Background



This preview shows how the Yxy color 59.4972, 0.3563, 0.3599 looks on a white background.

Color Contrast Check

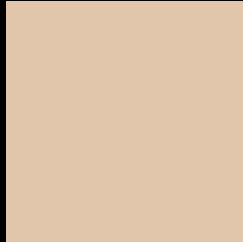
Large Text (above 18pt) WCAG AA × Fail

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 59.4972, 0.3563, 0.3599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

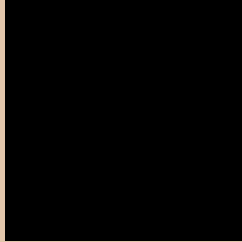
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4972, 0.3563, 0.3599

Background



This preview shows how black text looks on a background with the Yxy color 59.4972, 0.3563, 0.3599.



This preview shows how white text looks on a background with the Yxy color 59.4972, 0.3563, 0.3599.

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

59.4972, 0.3563, 0.3599

Protanopia

59.4043, 0.3430, 0.3632

Deuteranopia

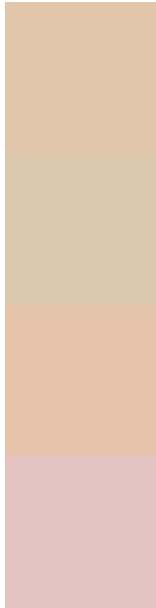
59.3324, 0.3623, 0.3549



Tritanopia

59.5170, 0.3313, 0.3125

Trichromacy



Original Color

59.4972, 0.3563, 0.3599

Protanomaly

59.6573, 0.3481, 0.3628

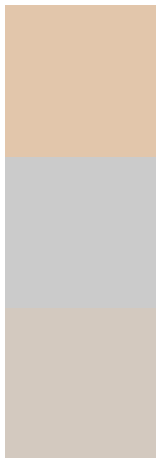
Deuteranomaly

59.2814, 0.3594, 0.3562

Tritanomaly

59.6284, 0.3404, 0.3291

Monochromacy



Original Color

59.4972, 0.3563, 0.3599

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.3838, 0.3279, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4972, 0.3563, 0.3599 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(226, 198, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 171)  
}
```

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(226, 198, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.4972, 0.3563, 0.3599 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(226, 198, 171) }
```

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

```
.border{ border-color:rgb(226, 198, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 198, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 198, 171); box-shadow:4px 4px 4px 4px rgb(226, 198, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4972, 0.3563, 0.3599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 171) }
```

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

```
.background{ background-color: rgb(226,  
198, 171) }
```

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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