

Converting Colors

$Yxy(59.5786, 0.3615, 0.3526)$

Have a look what the booklet for
Yxy(59.5786, 0.3615, 0.3526)
contains.

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Color

Yxy(59.5786, 0.3615, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	EAC3AE
RGB	234, 195, 174
RGB Percent	92%, 76%, 68%
CMY	0.0824, 0.2352, 0.3178
CMYK	0.00, 0.17, 0.26, 0.08
HSL	21°, 59%, 80%
HSV	21°, 26%, 92%
XYZ	61.0824, 59.5786, 48.3083
YIQ	204.2670, 29.9850, 1.7370

Conversions

Conversions Part 2

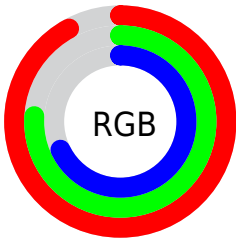
Format	Color
R _Y B	234, 206, 174
Decimal	15385518
CIE Lab	81.61, 10.76, 15.75
CIE LCh	82, 19.072, 55.673
Yxy	59.5786, 0.3615, 0.3526
Android (android.graphics.Color)	4293575598 (0xFFEAC3AE)
YUV	204.2670, -14.9216, 26.0758
Hunter-Lab	77.1872, 6.1792, 16.9238

Details

The Yxy color **59.5786, 0.3615, 0.3526** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4990, 0.2729, 0.3041**, and the grayscale version is **60.6431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5940, 0.3277, 0.3504**, and **29.8020, 0.3733, 0.3569** is the 20% darker color. If you saturate the color by 10%, you get **52.2795, 0.3865, 0.3623**, and if you desaturate by 10%, it is **67.7352, 0.3401, 0.3430**.

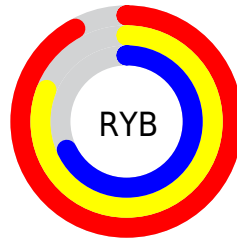
Distribution



Red (92%)

Green (76%)

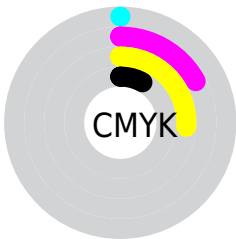
Blue (68%)



Red (92%)

Yellow (81%)

Blue (68%)

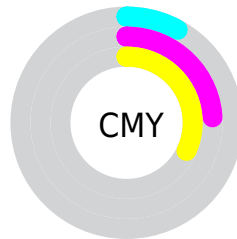


Cyan (0%)

Magenta (17%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (24%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5786, 0.3615, 0.3526 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 59.5786, 0.3615, 0.3526 by changing the saturation by 10% instead.

 59.5786, 0.3615,
0.3526

 59.5786, 0.3615,
0.3526

423.0428, 0.3379,
0.3417

 43.0791, 0.3671,
0.3550


 104.2181, 0.3531,
0.3489

 29.9472, 0.3742,
0.3580


133.1269, 0.3499,
0.3474

 19.7985, 0.3834,
0.3618


166.9409, 0.3472,
0.3461

 12.2486, 0.3957,
0.3666

206.0445, 0.3448,
0.3450

 6.9133, 0.4130,
0.3728

250.8221, 0.3428,
0.3440

 3.4079, 0.4390,
0.3810

301.6581, 0.3410,

 1.3482, 0.5023,

0.3432

0.4076

358.9368, 0.3394,
0.3424

0.1781, 0.7080,
0.2920

0.0000, 0.0000,
0.0000

59.5786, 0.3615,
0.3526

59.5786, 0.3615,
0.3526

52.2795, 0.3865,
0.3623

67.7352, 0.3401,
0.3430

45.8009, 0.4151,
0.3716

76.7685, 0.3218,
0.3339

40.1148, 0.4471,
0.3797

86.7073, 0.3063,
0.3254

35.1886, 0.4815,
0.3855

96.2312, 0.2999,
0.3290

■ 30.9871, 0.5163,
0.3877

■ 27.4714, 0.5487,
0.3851

■ 24.5980, 0.5757,
0.3773

■ 23.5302, 0.5858,
0.3731

Harmonies

Analogous

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



59.5786, 0.3563, 0.3324



59.5786, 0.3615, 0.3526



59.5786, 0.3530, 0.3676

Triad

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



59.5786, 0.3615, 0.3526



59.5786, 0.2864, 0.3462



59.5786, 0.2908, 0.2886

Complementary

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



59.5786, 0.3615, 0.3526



62.4990, 0.2729, 0.3041

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.



59.5786, 0.2733, 0.2905



59.5786, 0.3615, 0.3526



59.5786, 0.2709, 0.3230

Square

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



59.5786, 0.3615, 0.3526



59.5786, 0.3093, 0.3649



59.5786, 0.2662, 0.3027



59.5786, 0.3147, 0.2965

Rectangle

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



59.5786, 0.3615, 0.3526



59.5786, 0.3410, 0.3723



59.5786, 0.2662, 0.3027



59.5786, 0.2840, 0.2881

Sweetspot

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



59.5813, 0.3615, 0.3526



90.5915, 0.3259, 0.3360



52.5548, 0.3328, 0.2864



19.0286, 0.3286, 0.3374



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.



59.5813, 0.3615, 0.3526



67.4178, 0.3748, 0.3580



74.3907, 0.3537, 0.3841



15.9178, 0.3284, 0.3373



13.4370, 0.5830, 0.3753



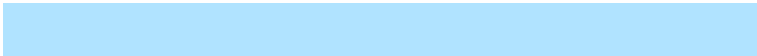
1.2300, 0.5564, 0.3964

Inverse Universe

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



62.4990, 0.2729, 0.3041



71.5401, 0.2644, 0.2980



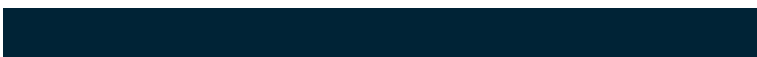
48.7910, 0.2695, 0.2671



16.1815, 0.2981, 0.3205



16.1965, 0.1917, 0.2102



1.4511, 0.1968, 0.2285

Previews

White Background



This preview shows how the Yxy color 59.5786, 0.3615, 0.3526 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 59.5786, 0.3615, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

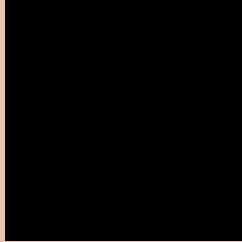
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.5786, 0.3615, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 59.5786, 0.3615, 0.3526.



This preview shows how white text looks on a background with the Yxy color 59.5786, 0.3615, 0.3526.

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

59.5786, 0.3615, 0.3526

Protanopia

59.6015, 0.3392, 0.3572

Deuteranopia

59.4098, 0.3606, 0.3526



Tritanopia

59.4118, 0.3406, 0.3128

Trichromacy



Original Color

59.5786, 0.3615, 0.3526

Protanomaly

59.3933, 0.3472, 0.3545

Deuteranomaly

59.4098, 0.3606, 0.3526

Tritanomaly

59.5988, 0.3484, 0.3269

Monochromacy



Original Color

59.5786, 0.3615, 0.3526

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0706, 0.3297, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5786, 0.3615, 0.3526 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(234, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 195, 174) }
```

Border

The CSS property to change the border of an element to Yxy 59.5786, 0.3615, 0.3526 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(234, 195, 174) }
```

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

```
.border{ border-color:rgb(234, 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(234, 195, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 195, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 195, 174);  
box-shadow:4px 4px 4px 4px rgb(234, 195,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5786, 0.3615, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 195, 174) }
```

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

```
.background{ background-color: rgb(234,  
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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