

Converting Colors

$Yxy(55.3536, 0.3598, 0.3483)$

Have a look what the booklet for
Yxy(55.3536, 0.3598, 0.3483)
contains.

Yxy(55.2376, 0.3598, 0.3486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.2376, 0.3598, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	E3BCAB
RGB	227, 188, 171
RGB Percent	89%, 74%, 67%
CMY	0.1099, 0.2627, 0.3292
CMYK	0.00, 0.17, 0.25, 0.11
HSL	18°, 50%, 78%
HSV	18°, 25%, 89%
XYZ	57.0123, 55.2376, 46.2056
YIQ	197.7230, 28.7010, 2.9810

Conversions

Conversions Part 2

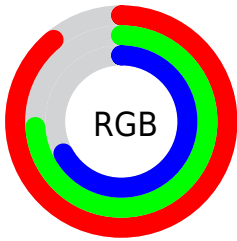
Format	Color
R _Y B	227, 195, 171
Decimal	14924971
CIE Lab	79.18, 11.43, 13.81
CIE LCh	79, 17.922, 50.385
Yxy	55.2376, 0.3598, 0.3486
Android (android.graphics.Color)	4293115051 (0xFFE3BCAB)
YUV	197.7230, -13.1744, 25.6759
Hunter-Lab	74.3220, 6.8636, 15.1651

Details

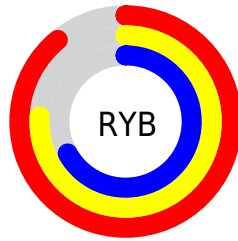
The Yxy color **55.2376, 0.3598, 0.3486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.3118, 0.2748, 0.3085**, and the grayscale version is **56.3657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4524, 0.3310, 0.3467**, and **27.3178, 0.3724, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **48.0559, 0.3851, 0.3570**, and if you desaturate by 10%, it is **63.3136, 0.3383, 0.3403**.

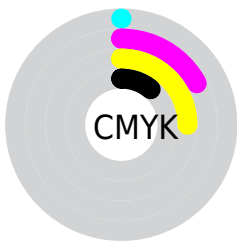
Distribution



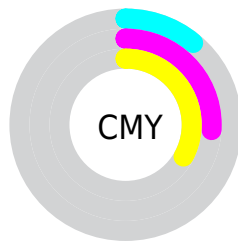
- Red (89%)
- Green (74%)
- Blue (67%)



- Red (89%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2376, 0.3598, 0.3486 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 55.2376, 0.3598, 0.3486 by changing the saturation by 10% instead.


 55.2376, 0.3598,
0.3486

 55.2376, 0.3598,
0.3486


406.8120, 0.3367,
0.3395

 39.5920, 0.3654,
0.3507

 97.8890, 0.3515,
0.3454

 27.2206, 0.3725,
0.3532


125.6636, 0.3484,
0.3442

 17.7389, 0.3818,
0.3564


158.2499, 0.3457,
0.3432

 10.7627, 0.3944,
0.3604

196.0324, 0.3434,
0.3422

 5.9075, 0.4125,
0.3657

239.3955, 0.3414,
0.3414

 2.7889, 0.4404,
0.3726

288.7235, 0.3397,

 1.0226, 0.5300,

0.3407

0.4130

344.4008, 0.3381,
0.3401

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2376, 0.3598,
0.3486

55.2376, 0.3598,
0.3486

48.0559, 0.3851,
0.3570

63.3136, 0.3383,
0.3403

41.7294, 0.4145,
0.3652

72.3059, 0.3201,
0.3325

36.2275, 0.4478,
0.3722

82.2455, 0.3049,
0.3252

31.5145, 0.4840,
0.3773

92.7110, 0.2957,
0.3252

■ 27.5521, 0.5211,
0.3790

■ 95.0687, 0.2958,
0.3290

■ 24.2981, 0.5559,
0.3763

■ 21.7054, 0.5848,
0.3688

■ 20.5644, 0.5976,
0.3637

Harmonies

Analogous

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



55.2376, 0.3525, 0.3288



55.2376, 0.3598, 0.3486



55.2376, 0.3539, 0.3643

Triad

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



55.2376, 0.3598, 0.3486



55.2376, 0.2909, 0.3493



55.2376, 0.2880, 0.2896

Complementary

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



55.2376, 0.3598, 0.3486



60.3118, 0.2748, 0.3085

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.



55.2376, 0.2727, 0.2933



55.2376, 0.3598, 0.3486



55.2376, 0.2743, 0.3272

Square

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



55.2376, 0.3598, 0.3486



55.2376, 0.3137, 0.3657



55.2376, 0.2678, 0.3067



55.2376, 0.3104, 0.2957

Rectangle

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



55.2376, 0.3598, 0.3486



55.2376, 0.3435, 0.3700



55.2376, 0.2678, 0.3067



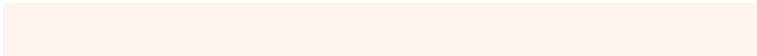
55.2376, 0.2819, 0.2897

Sweetspot

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



55.2401, 0.3598, 0.3486



91.2231, 0.3242, 0.3343



50.1338, 0.3294, 0.2852



19.3696, 0.3253, 0.3348



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.



55.2401, 0.3598, 0.3486



66.5941, 0.3734, 0.3533



68.2787, 0.3526, 0.3789



15.0770, 0.3285, 0.3362



12.1746, 0.5949, 0.3658



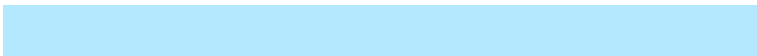
1.0588, 0.5662, 0.3886

Inverse Universe

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



60.3118, 0.2748, 0.3085



74.3458, 0.2664, 0.3032



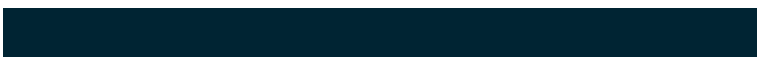
47.7587, 0.2717, 0.2736



15.5599, 0.2981, 0.3217



17.7428, 0.1965, 0.2272



1.4728, 0.2011, 0.2439

Previews

White Background



This preview shows how the Yxy color 55.2376, 0.3598, 0.3486 looks on a white background.

Color Contrast Check

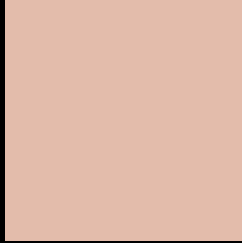
Large Text (above 18pt) WCAG AA × Fail

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 55.2376, 0.3598, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

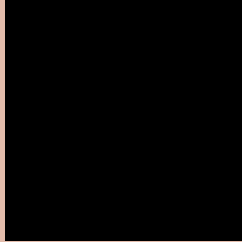
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2376, 0.3598, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 55.2376, 0.3598, 0.3486.



This preview shows how white text looks on a background with the Yxy color 55.2376, 0.3598, 0.3486.

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

55.2376, 0.3598, 0.3486

Protanopia

55.5541, 0.3360, 0.3545

Deuteranopia

55.1828, 0.3570, 0.3500



Tritanopia

55.1812, 0.3406, 0.3134

Trichromacy



Original Color

55.2376, 0.3598, 0.3486

Protanomaly

55.3421, 0.3441, 0.3517

Deuteranomaly

55.3430, 0.3578, 0.3499

Tritanomaly

54.9868, 0.3479, 0.3257

Monochromacy



Original Color

55.2376, 0.3598, 0.3486

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.7697, 0.3295, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2376, 0.3598, 0.3486 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(227, 188, 171)` looks like.

```
.text, #text, p{  
    color:rgb(227, 188, 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(227, 188, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 188, 171) }
```

Border

The CSS property to change the border of an element to Yxy 55.2376, 0.3598, 0.3486 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(227, 188, 171) }
```

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

```
.border{ border-color:rgb(227, 188, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 188, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 188, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 188, 171);  
box-shadow:4px 4px 4px 4px rgb(227, 188,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2376, 0.3598, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 188, 171) }
```

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

```
.background{ background-color: rgb(227,  
188, 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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