

Converting Colors

$Yxy(55.2543, 0.3514, 0.3414)$

Have a look what the booklet for
Yxy(55.2543, 0.3514, 0.3414)
contains.

Yxy(55.4568, 0.3511, 0.3418)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.4568, 0.3511, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	E0BDB2
RGB	224, 189, 178
RGB Percent	88%, 74%, 70%
CMY	0.1217, 0.2587, 0.3019
CMYK	0.00, 0.16, 0.21, 0.12
HSL	14°, 43%, 79%
HSV	14°, 21%, 88%
XYZ	56.9657, 55.4568, 49.8268
YIQ	198.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

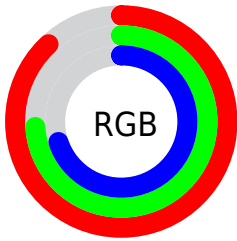
Format	Color
RYB	224, 192, 178
Decimal	14728626
CIELab	79.30, 10.77, 10.19
CIElCh	79, 14.830, 43.427
Yxy	55.4568, 0.3511, 0.3418
Android (android.graphics.Color)	4292918706 (0xFFE0BDB2)
YUV	198.2110, -9.9640, 22.6170
Hunter-Lab	74.4693, 6.2232, 12.4581

Details

The Yxy color **55.4568, 0.3511, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.4114, 0.2813, 0.3158**, and the grayscale version is **56.6573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5053, 0.3259, 0.3398**, and **27.4138, 0.3616, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **47.7289, 0.3756, 0.3485**, and if you desaturate by 10%, it is **64.1971, 0.3306, 0.3354**.

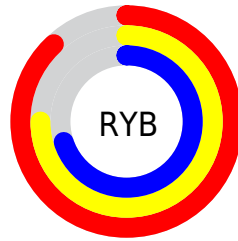
Distribution



Red (88%)

Green (74%)

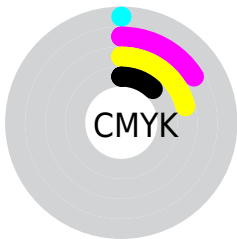
Blue (70%)



Red (88%)

Yellow (75%)

Blue (70%)

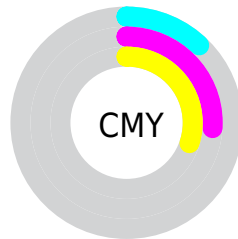


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (12%)



Cyan (12%)


Magenta (26%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4568, 0.3511, 0.3418 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 55.4568, 0.3511, 0.3418 by changing the saturation by 10% instead.

 55.4568, 0.3511,
0.3418

 55.4568, 0.3511,
0.3418


407.6412, 0.3323,
0.3359

 39.7676, 0.3557,
0.3431


 98.2099, 0.3444,
0.3397

 27.3574, 0.3614,
0.3448


126.0426, 0.3418,
0.3389

 17.8418, 0.3690,
0.3469


158.6919, 0.3396,
0.3383

 10.8365, 0.3793,
0.3496

196.5422, 0.3378,
0.3377

 5.9570, 0.3942,
0.3531

239.9778, 0.3361,
0.3371

 2.8189, 0.4175,
0.3578

289.3833, 0.3347,

 1.0379, 0.4749,

0.3367

0.3767

345.1429, 0.3335,
0.3362

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4568, 0.3511,
0.3418

55.4568, 0.3511,
0.3418

47.7289, 0.3756,
0.3485

64.1971, 0.3306,
0.3354

40.9690, 0.4047,
0.3551

73.9770, 0.3135,
0.3293

35.1406, 0.4384,
0.3611

84.8323, 0.2993,
0.3237

30.2019, 0.4761,
0.3656

94.5811, 0.2940,
0.3289

■ 26.1080, 0.5160,
0.3676

■ 22.8095, 0.5548,
0.3661

■ 20.2516, 0.5881,
0.3605

■ 18.4470, 0.6119,
0.3524

Harmonies

Analogous

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



55.4568, 0.3427, 0.3251



55.4568, 0.3511, 0.3418



55.4568, 0.3488, 0.3559

Triad

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



55.4568, 0.3511, 0.3418



55.4568, 0.2988, 0.3494



55.4568, 0.2887, 0.2962

Complementary

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



55.4568, 0.3511, 0.3418



62.4114, 0.2813, 0.3158

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.



55.4568, 0.2777, 0.3014



55.4568, 0.3511, 0.3418



55.4568, 0.2834, 0.3319

Square

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



55.4568, 0.3511, 0.3418



55.4568, 0.3182, 0.3610



55.4568, 0.2758, 0.3143



55.4568, 0.3063, 0.2994

Rectangle

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



55.4568, 0.3511, 0.3418



55.4568, 0.3416, 0.3617



55.4568, 0.2758, 0.3143



55.4568, 0.2841, 0.2970

Sweetspot

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



55.4593, 0.3511, 0.3418



91.8534, 0.3226, 0.3326



52.5029, 0.3236, 0.2895



19.4773, 0.3237, 0.3330



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.



55.4593, 0.3511, 0.3418



69.4267, 0.3620, 0.3449



65.9971, 0.3461, 0.3670



14.2309, 0.3286, 0.3347



10.8908, 0.6093, 0.3544



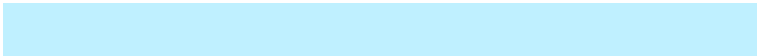
0.8929, 0.5792, 0.3783

Inverse Universe

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



62.4114, 0.2813, 0.3158



80.4893, 0.2744, 0.3125



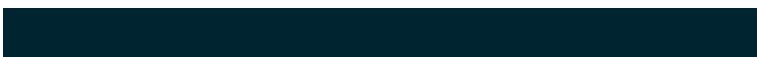
51.7879, 0.2795, 0.2879



14.9868, 0.2982, 0.3233



20.1278, 0.2028, 0.2499



1.5306, 0.2065, 0.2635

Previews

White Background



This preview shows how the Yxy color 55.4568, 0.3511, 0.3418 looks on a white background.

Color Contrast Check

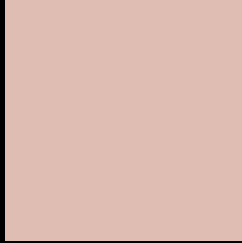
Large Text (above 18pt) WCAG AA × Fail

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 55.4568, 0.3511, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

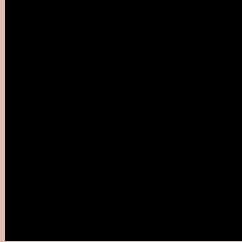
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4568, 0.3511, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 55.4568, 0.3511, 0.3418.



This preview shows how white text looks on a background with the Yxy color 55.4568, 0.3511, 0.3418.

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

55.4568, 0.3511, 0.3418

Protanopia

55.6946, 0.3297, 0.3460

Deuteranopia

55.5709, 0.3492, 0.3430



Tritanopia

55.6188, 0.3361, 0.3133

Trichromacy



Original Color

55.4568, 0.3511, 0.3418

Protanomaly

55.3250, 0.3368, 0.3433

Deuteranomaly

55.7292, 0.3501, 0.3430

Tritanomaly

55.5152, 0.3417, 0.3234

Monochromacy



Original Color

55.4568, 0.3511, 0.3418

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0572, 0.3254, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4568, 0.3511, 0.3418 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(224, 189, 178)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 178)  
}
```

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(224, 189, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 55.4568, 0.3511, 0.3418 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(224, 189, 178) }
```

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

```
.border{ border-color:rgb(224, 189, 178) }
```

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

Here you see how a box with a 4 pixel rgb(224, 189, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4568, 0.3511, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 178) }
```

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

```
.background{ background-color: rgb(224,  
189, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor