

Converting Colors

$Yxy(55.9725, 0.3565, 0.3459)$

Have a look what the booklet for
Yxy(55.9725, 0.3565, 0.3459)
contains.

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Color

Yxy(55.8212, 0.3562, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	E3BDAF
RGB	227, 189, 175
RGB Percent	89%, 74%, 69%
CMY	0.1098, 0.2588, 0.3136
CMYK	0.00, 0.17, 0.23, 0.11
HSL	16°, 48%, 79%
HSV	16°, 23%, 89%
XYZ	57.6167, 55.8212, 48.3158
YIQ	198.7660, 27.1420, 3.7020

Conversions

Conversions Part 2

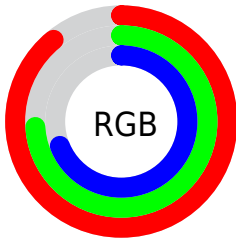
Format	Color
R _Y B	227, 194, 175
Decimal	14925231
CIE Lab	79.51, 11.47, 12.13
CIE LCh	80, 16.694, 46.591
Yxy	55.8212, 0.3562, 0.3451
Android (android.graphics.Color)	4293115311 (0xFFE3BDAF)
YUV	198.7660, -11.7166, 24.7612
Hunter-Lab	74.7136, 6.9046, 13.9578

Details

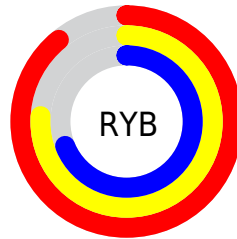
The Yxy color **55.8212, 0.3562, 0.3451** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.2719, 0.2776, 0.3123**, and the grayscale version is **57.0261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3343, 0.3278, 0.3427**, and **27.6963, 0.3673, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **48.2673, 0.3814, 0.3526**, and if you desaturate by 10%, it is **64.3476, 0.3350, 0.3378**.

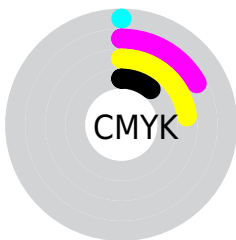
Distribution



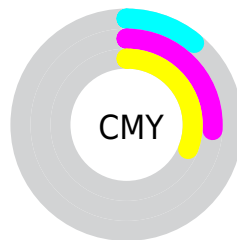
- Red (89%)
- Green (74%)
- Blue (69%)



- Red (89%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (23%)
- Black (11%)




- Cyan (11%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8212, 0.3562, 0.3451 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 55.8212, 0.3562, 0.3451 by changing the saturation by 10% instead.


 55.8212, 0.3562,
0.3451

 55.8212, 0.3562,
0.3451


409.0173, 0.3349,
0.3377

 40.0596, 0.3614,
0.3468


 98.7431, 0.3486,
0.3425

 27.5850, 0.3679,
0.3488


126.6722, 0.3457,
0.3415

 18.0131, 0.3764,
0.3514


159.4259, 0.3432,
0.3407

 10.9594, 0.3880,
0.3547

197.3886, 0.3411,
0.3399

 6.0395, 0.4047,
0.3590

240.9447, 0.3393,
0.3392

 2.8691, 0.4305,
0.3647

290.4786, 0.3377,

 1.0638, 0.4999,

0.3387

0.3905

346.3747, 0.3362,
0.3381

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8212, 0.3562,
0.3451

55.8212, 0.3562,
0.3451

48.2673, 0.3814,
0.3526

64.3476, 0.3350,
0.3378

41.6434, 0.4109,
0.3599

73.8718, 0.3173,
0.3309

35.9148, 0.4446,
0.3663

84.4281, 0.3024,
0.3245

31.0419, 0.4819,
0.3710

95.0706, 0.2958,
0.3290

■ 26.9818, 0.5207,
0.3728

■ 23.6878, 0.5576,
0.3705

■ 21.1075, 0.5885,
0.3638

■ 19.6677, 0.6057,
0.3573

Harmonies

Analogous

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



55.8212, 0.3480, 0.3265



55.8212, 0.3562, 0.3451



55.8212, 0.3523, 0.3604

Triad

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



55.8212, 0.3562, 0.3451



55.8212, 0.2949, 0.3501



55.8212, 0.2875, 0.2922

Complementary

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



55.8212, 0.3562, 0.3451



62.2719, 0.2776, 0.3123

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.



55.8212, 0.2743, 0.2969



55.8212, 0.3562, 0.3451



55.8212, 0.2785, 0.3300

Square

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



55.8212, 0.3562, 0.3451



55.8212, 0.3165, 0.3642



55.8212, 0.2711, 0.3105



55.8212, 0.3077, 0.2968

Rectangle

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



55.8212, 0.3562, 0.3451



55.8212, 0.3434, 0.3664



55.8212, 0.2711, 0.3105



55.8212, 0.2822, 0.2928

Sweetspot

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



55.8237, 0.3562, 0.3451



90.8556, 0.3243, 0.3337



51.8181, 0.3266, 0.2866



19.2847, 0.3253, 0.3341



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.



55.8237, 0.3562, 0.3451



68.3072, 0.3665, 0.3483



67.9647, 0.3499, 0.3734



14.9948, 0.3286, 0.3354



11.6352, 0.6031, 0.3593



1.0100, 0.5744, 0.3821

Inverse Universe

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



62.2719, 0.2776, 0.3123



77.9568, 0.2712, 0.3088



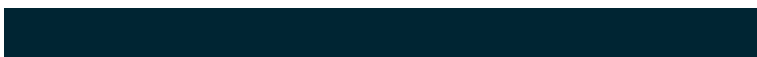
50.2753, 0.2751, 0.2802



15.6468, 0.2981, 0.3225



19.3426, 0.1999, 0.2395



1.5806, 0.2039, 0.2542

Previews

White Background



This preview shows how the Yxy color 55.8212, 0.3562, 0.3451 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 55.8212, 0.3562, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

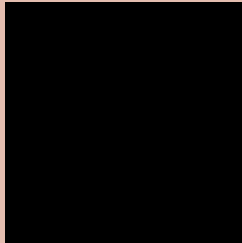
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8212, 0.3562, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 55.8212, 0.3562, 0.3451.



This preview shows how white text looks on a background with the Yxy color 55.8212, 0.3562, 0.3451.

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

55.8212, 0.3562, 0.3451

Protanopia

56.1663, 0.3327, 0.3508

Deuteranopia

55.7694, 0.3534, 0.3464



Tritanopia

55.6910, 0.3388, 0.3123

Trichromacy



Original Color

55.8212, 0.3562, 0.3451

Protanomaly

55.9441, 0.3407, 0.3480

Deuteranomaly

55.9296, 0.3543, 0.3464

Tritanomaly

55.5374, 0.3452, 0.3235

Monochromacy



Original Color

55.8212, 0.3562, 0.3451

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3032, 0.3278, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8212, 0.3562, 0.3451 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, 189, 175)` looks like.

```
.text, #text, p{  
    color:rgb(227, 189, 175)  
}
```

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, 189, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 189, 175) }
```

Border

The CSS property to change the border of an element to Yxy 55.8212, 0.3562, 0.3451 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, 189, 175) }
```

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

```
.border{ border-color:rgb(227, 189, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 189, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 189, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 189, 175);  
box-shadow:4px 4px 4px 4px rgb(227, 189,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8212, 0.3562, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 189, 175) }
```

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

```
.background{ background-color: rgb(227,  
189, 175) }
```

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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