

Converting Colors

$Yxy(55.3758, 0.3509, 0.3232)$

Have a look what the booklet for
Yxy(55.3758, 0.3509, 0.3232)
contains.

Yxy(55.2787, 0.3507, 0.3235)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.2787, 0.3507, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	E9B8BD
RGB	233, 184, 189
RGB Percent	91%, 72%, 74%
CMY	0.0864, 0.2784, 0.2587
CMYK	0.00, 0.21, 0.19, 0.09
HSL	354°, 53%, 82%
HSV	354°, 21%, 91%
XYZ	59.9266, 55.2787, 55.6717
YIQ	199.2210, 27.5990, 11.9430

Conversions

Conversions Part 2

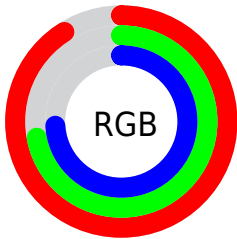
Format	Color
R _Y B	233, 184, 189
Decimal	15317181
CIE Lab	79.20, 18.39, 4.21
CIE LCh	79, 18.868, 12.904
Yxy	55.2787, 0.3507, 0.3235
Android (android.graphics.Color)	4293507261 (0xFFE9B8BD)
YUV	199.2210, -5.0390, 29.6242
Hunter-Lab	74.3496, 13.7609, 7.6494

Details

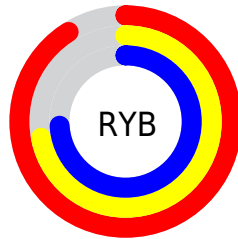
The Yxy color **55.2787, 0.3507, 0.3235** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0553, 0.2842, 0.3346**, and the grayscale version is **57.2757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1727, 0.3195, 0.3242**, and **27.3573, 0.3611, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **45.5414, 0.3759, 0.3207**, and if you desaturate by 10%, it is **66.7459, 0.3304, 0.3262**.

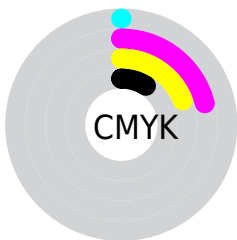
Distribution



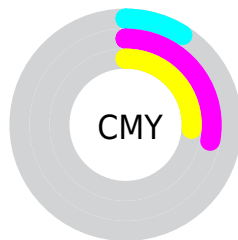
- Red (91%)
- Green (72%)
- Blue (74%)



- Red (91%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2787, 0.3507, 0.3235 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 55.2787, 0.3507, 0.3235 by changing the saturation by 10% instead.


 55.2787, 0.3507,
0.3235

 55.2787, 0.3507,
0.3235


406.9675, 0.3321,
0.3264

 39.6249, 0.3552,
0.3228

 97.9492, 0.3441,
0.3246

 27.2462, 0.3609,
0.3218


125.7346, 0.3415,
0.3250

 17.7582, 0.3684,
0.3205


158.3328, 0.3394,
0.3253

 10.7765, 0.3786,
0.3186

196.1280, 0.3375,
0.3256

 5.9168, 0.3933,
0.3157

239.5047, 0.3359,
0.3258

 2.7945, 0.4164,
0.3108

288.8472, 0.3345,

 1.0254, 0.4585,

0.3260

0.3018

344.5401, 0.3333,
0.3262

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2787, 0.3507,
0.3235

55.2787, 0.3507,
0.3235

45.5414, 0.3759,
0.3207

66.7459, 0.3304,
0.3262

37.4430, 0.4068,
0.3181

80.0132, 0.3142,
0.3288

30.8954, 0.4438,
0.3158

95.1563, 0.3011,
0.3311

25.7993, 0.4863,
0.3145

96.0596, 0.2993,
0.3290

■ 22.0442, 0.5316,
0.3146

■ 19.5032, 0.5749,
0.3166

■ 18.0253, 0.6097,
0.3205

■ 17.3850, 0.6301,
0.3245

Harmonies

Analogous

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



55.2787, 0.3292, 0.3045



55.2787, 0.3507, 0.3235



55.2787, 0.3617, 0.3445

Triad

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



55.2787, 0.3507, 0.3235



55.2787, 0.3200, 0.3703



55.2787, 0.2683, 0.2940

Complementary

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



55.2787, 0.3507, 0.3235



74.0553, 0.2842, 0.3346

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.



55.2787, 0.2661, 0.3103



55.2787, 0.3507, 0.3235



55.2787, 0.2953, 0.3555

Square

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



55.2787, 0.3507, 0.3235



55.2787, 0.3434, 0.3726



55.2787, 0.2758, 0.3330



55.2787, 0.2818, 0.2876

Rectangle

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



55.2787, 0.3507, 0.3235



55.2787, 0.3614, 0.3573



55.2787, 0.2758, 0.3330



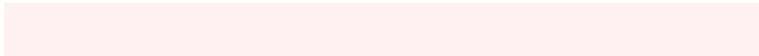
55.2787, 0.2662, 0.2985

Sweetspot

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



55.2812, 0.3507, 0.3235



89.7706, 0.3219, 0.3275



56.5418, 0.3106, 0.2761



18.9869, 0.3230, 0.3273



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.



55.2812, 0.3507, 0.3235



62.6979, 0.3604, 0.3224



63.3897, 0.3508, 0.3499



15.0791, 0.3277, 0.3266



9.8753, 0.6279, 0.3233



0.7839, 0.6014, 0.3087

Inverse Universe

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



55.2812, 0.3507, 0.3235



62.6979, 0.3604, 0.3224



64.2715, 0.2799, 0.3072



15.0791, 0.3277, 0.3266



9.8753, 0.6279, 0.3233



0.7839, 0.6014, 0.3087

Previews

White Background



This preview shows how the Yxy color 55.2787, 0.3507, 0.3235 looks on a white background.

Color Contrast Check

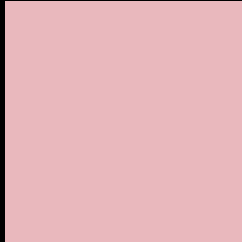
Large Text (above 18pt) WCAG AA × Fail

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 55.2787, 0.3507, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

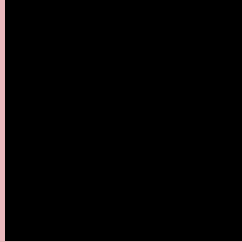
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2787, 0.3507, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 55.2787, 0.3507, 0.3235.



This preview shows how white text looks on a background with the Yxy color 55.2787, 0.3507, 0.3235.

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

55.2787, 0.3507, 0.3235

Protanopia

55.2497, 0.3167, 0.3290

Deuteranopia

55.5178, 0.3385, 0.3314



Tritanopia

55.3906, 0.3450, 0.3136

Trichromacy



Original Color

55.2787, 0.3507, 0.3235

Protanomaly

55.1089, 0.3285, 0.3267

Deuteranomaly

55.4446, 0.3431, 0.3291

Tritanomaly

55.2544, 0.3476, 0.3169

Monochromacy



Original Color

55.2787, 0.3507, 0.3235

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3726, 0.3257, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2787, 0.3507, 0.3235 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(233, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(233, 184, 189)  
}
```

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(233, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 55.2787, 0.3507, 0.3235 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(233, 184, 189) }
```

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

```
.border{ border-color:rgb(233, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(233, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2787, 0.3507, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 184, 189) }
```

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

```
.background{ background-color: rgb(233,  
184, 189) }
```

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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