

Converting Colors

Yxy(53.8532, 0.3825, 0.3539)

Have a look what the booklet for
Yxy(53.8532, 0.3825, 0.3539)
contains.

Yxy(53.7281, 0.3822, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.7281, 0.3822, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	EEB59F
RGB	238, 181, 159
RGB Percent	93%, 71%, 62%
CMY	0.0664, 0.2903, 0.3764
CMYK	0.00, 0.24, 0.33, 0.07
HSL	17°, 70%, 78%
HSV	17°, 33%, 93%
XYZ	58.0573, 53.7281, 40.1176
YIQ	195.5350, 41.0340, 5.2420

Conversions

Conversions Part 2

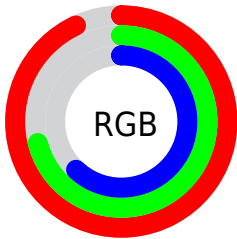
Format	Color
R _Y B	238, 189, 159
Decimal	15644063
CIE Lab	78.30, 17.76, 19.21
CIE LCh	78, 26.163, 47.248
Yxy	53.7281, 0.3822, 0.3537
Android (android.graphics.Color)	4293834143 (0xFFEEB59F)
YUV	195.5350, -18.0118, 37.2418
Hunter-Lab	73.2995, 13.1081, 18.8596

Details

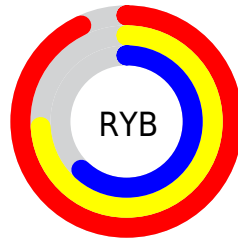
The Yxy color **53.7281, 0.3822, 0.3537** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.7087, 0.2622, 0.3026**, and the grayscale version is **55.0042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6834, 0.3397, 0.3520**, and **26.3236, 0.4021, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **46.4181, 0.4117, 0.3612**, and if you desaturate by 10%, it is **62.0649, 0.3569, 0.3459**.

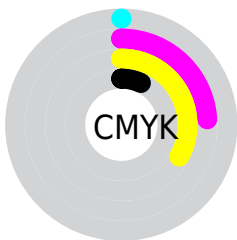
Distribution



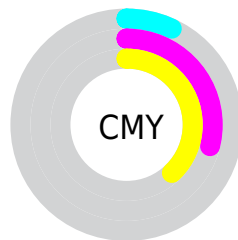
- Red (93%)
- Green (71%)
- Blue (62%)



- Red (93%)
- Yellow (74%)
- Blue (62%)



- Cyan (0%)
- Magenta (24%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7281, 0.3822, 0.3537 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 53.7281, 0.3822, 0.3537 by changing the saturation by 10% instead.


 53.7281, 0.3822,
0.3537

 53.7281, 0.3822,
0.3537


401.0723, 0.3480,
0.3426

 38.3843, 0.3905,
0.3561


 95.6749, 0.3699,
0.3500

 26.2811, 0.4011,
0.3589


 123.0467, 0.3653,
0.3485

 17.0341, 0.4149,
0.3623


155.1967, 0.3613,
0.3472

 10.2588, 0.4335,
0.3663

192.5092, 0.3579,
0.3460

 5.5709, 0.4601,
0.3707

235.3686, 0.3549,
0.3450

 2.5859, 0.5004,
0.3746

284.1593, 0.3523,

 0.9196, 0.6033,

0.3441

339.2658, 0.3500,
0.3433

0.3967

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7281, 0.3822,
0.3537

53.7281, 0.3822,
0.3537

46.4181, 0.4117,
0.3612

62.0649, 0.3569,
0.3459

40.0868, 0.4455,
0.3679

71.4591, 0.3357,
0.3384

34.6935, 0.4826,
0.3727

81.9492, 0.3178,
0.3312

30.1915, 0.5210,
0.3744

93.5695, 0.3028,
0.3245

■ 26.5297, 0.5575,
0.3720

■ 96.9273, 0.3024,
0.3290

■ 23.6508, 0.5878,
0.3650

■ 22.1016, 0.6041,
0.3585

Harmonies

Analogous

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



53.7281, 0.3694, 0.3250



53.7281, 0.3822, 0.3537



53.7281, 0.3750, 0.3782

Triad

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



53.7281, 0.3822, 0.3537



53.7281, 0.2836, 0.3624



53.7281, 0.2735, 0.2719

Complementary

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



53.7281, 0.3822, 0.3537



62.7087, 0.2622, 0.3026

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.



53.7281, 0.2532, 0.2780



53.7281, 0.3822, 0.3537



53.7281, 0.2586, 0.3292

Square

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



53.7281, 0.3822, 0.3537



53.7281, 0.3172, 0.3859



53.7281, 0.2479, 0.2982



53.7281, 0.3051, 0.2795

Rectangle

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



53.7281, 0.3822, 0.3537



53.7281, 0.3604, 0.3885



53.7281, 0.2479, 0.2982



53.7281, 0.2652, 0.2724

Sweetspot

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



53.7306, 0.3822, 0.3537



87.2741, 0.3297, 0.3360



47.9974, 0.3346, 0.2668



18.3200, 0.3323, 0.3371



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.



53.7306, 0.3822, 0.3537



56.7478, 0.4022, 0.3590



71.6757, 0.3687, 0.3942



16.4738, 0.3286, 0.3356



12.5104, 0.6014, 0.3607



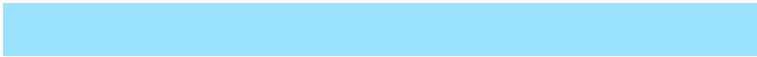
1.2022, 0.5756, 0.3811

Inverse Universe

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



62.7087, 0.2622, 0.3026



68.7424, 0.2523, 0.2962



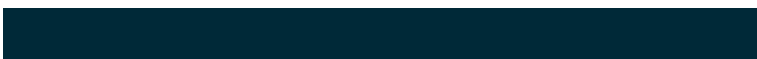
45.1746, 0.2560, 0.2538



17.1430, 0.2981, 0.3223



20.1043, 0.1989, 0.2361



1.8387, 0.2027, 0.2498

Previews

White Background



This preview shows how the Yxy color 53.7281, 0.3822, 0.3537 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 53.7281, 0.3822, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

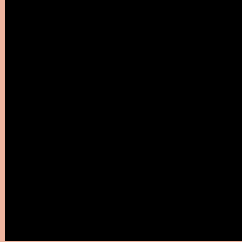
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7281, 0.3822, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 53.7281, 0.3822, 0.3537.



This preview shows how white text looks on a background with the Yxy color 53.7281, 0.3822, 0.3537.

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

53.7281, 0.3822, 0.3537

Protanopia

54.1376, 0.3434, 0.3646

Deuteranopia

53.5940, 0.3697, 0.3617



Tritanopia

53.4691, 0.3586, 0.3138

Trichromacy



Original Color

53.7281, 0.3822, 0.3537

Protanomaly

53.6385, 0.3566, 0.3601

Deuteranomaly

53.5726, 0.3748, 0.3589

Tritanomaly

53.6207, 0.3670, 0.3281

Monochromacy



Original Color

53.7281, 0.3822, 0.3537

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5294, 0.3356, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7281, 0.3822, 0.3537 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(238, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(238, 181, 159)  
}
```

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(238, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 181, 159) }
```

Border

The CSS property to change the border of an element to Yxy 53.7281, 0.3822, 0.3537 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(238, 181, 159) }
```

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

```
.border{ border-color:rgb(238, 181, 159) }
```

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

Here you see how a box with a 4 pixel rgb(238, 181, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(238, 181,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7281, 0.3822, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 181, 159) }
```

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

```
.background{ background-color: rgb(238,  
181, 159) }
```

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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