

Converting Colors

$Yxy(51.6277, 0.3935, 0.3547)$

Have a look what the booklet for
Yxy(51.6277, 0.3935, 0.3547)
contains.

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Color

Yxy(51.6277, 0.3935, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	F1AF98
RGB	241, 175, 152
RGB Percent	95%, 69%, 60%
CMY	0.0549, 0.3137, 0.4039
CMYK	0.00, 0.27, 0.37, 0.05
HSL	16°, 76%, 77%
HSV	16°, 37%, 95%
XYZ	57.2752, 51.6277, 36.6503
YIQ	192.1120, 46.7190, 6.8390

Conversions

Conversions Part 2

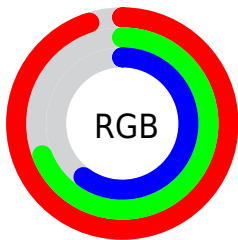
Format	Color
R _Y B	241, 183, 152
Decimal	15839128
CIE Lab	77.06, 21.21, 21.32
CIE LCh	77, 30.076, 45.144
Yxy	51.6277, 0.3935, 0.3547
Android (android.graphics.Color)	4294029208 (0xFFFF1AF98)
YUV	192.1120, -19.7752, 42.8748
Hunter-Lab	71.8524, 16.5446, 20.0542

Details

The Yxy color **51.6277, 0.3935, 0.3547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.1714, 0.2571, 0.3013**, and the grayscale version is **52.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8681, 0.3460, 0.3542**, and **24.9259, 0.4157, 0.3593** is the 20% darker color. If you saturate the color by 10%, you get **44.4163, 0.4252, 0.3615**, and if you desaturate by 10%, it is **59.9253, 0.3663, 0.3475**.

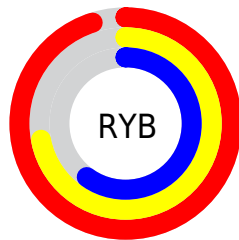
Distribution



Red (95%)

Green (69%)

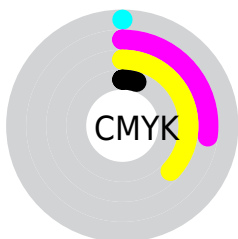
Blue (60%)



Red (95%)

Yellow (72%)

Blue (60%)

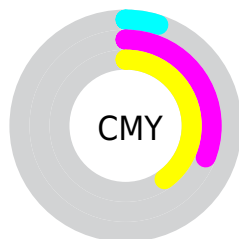


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (5%)



Cyan (5%)

Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6277, 0.3935, 0.3547 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 51.6277, 0.3935, 0.3547 by changing the saturation by 10% instead.


 51.6277, 0.3935,
0.3547

 51.6277, 0.3935,
0.3547


392.9976, 0.3534,
0.3434

 36.7084, 0.4033,
0.3570


 92.5819, 0.3791,
0.3510

 24.9818, 0.4157,
0.3597


 119.3857, 0.3736,
0.3495

 16.0635, 0.4320,
0.3628


150.9197, 0.3690,
0.3481

 9.5691, 0.4541,
0.3661

187.5684, 0.3650,
0.3470

 5.1142, 0.4854,
0.3691

229.7161, 0.3615,
0.3459

 2.3144, 0.5367,
0.3723

277.7473, 0.3585,

 0.7813, 0.6306,

0.3450

0.3694

332.0463, 0.3558,
0.3442

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6277, 0.3935,
0.3547

51.6277, 0.3935,
0.3547

44.4163, 0.4252,
0.3615

59.9253, 0.3663,
0.3475

38.2379, 0.4612,
0.3671

69.3445, 0.3433,
0.3403

33.0459, 0.5000,
0.3705

79.9282, 0.3241,
0.3335

28.7871, 0.5390,
0.3704

91.7149, 0.3081,
0.3271

■ 25.4025, 0.5742,
0.3662

■ 97.4424, 0.3041,
0.3290

■ 22.8251, 0.6015,
0.3578

■ 22.1792, 0.6085,
0.3550

Harmonies

Analogous

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



51.6277, 0.3771, 0.3217



51.6277, 0.3935, 0.3547



51.6277, 0.3864, 0.3840

Triad

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



51.6277, 0.3935, 0.3547



51.6277, 0.2811, 0.3707



51.6277, 0.2651, 0.2631

Complementary

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



51.6277, 0.3935, 0.3547



63.1714, 0.2571, 0.3013

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.



51.6277, 0.2429, 0.2709



51.6277, 0.3935, 0.3547



51.6277, 0.2516, 0.3316

Square

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



51.6277, 0.3935, 0.3547



51.6277, 0.3204, 0.3971



51.6277, 0.2382, 0.2949



51.6277, 0.3008, 0.2710

Rectangle

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



51.6277, 0.3935, 0.3547



51.6277, 0.3700, 0.3973



51.6277, 0.2382, 0.2949



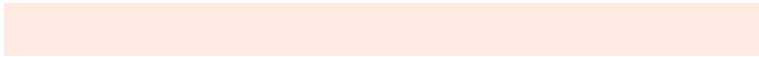
51.6277, 0.2559, 0.2639

Sweetspot

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



51.6302, 0.3935, 0.3547



85.7626, 0.3316, 0.3362



46.2596, 0.3364, 0.2583



18.0057, 0.3342, 0.3372



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.



51.6302, 0.3935, 0.3547



52.6654, 0.4159, 0.3597



71.5053, 0.3762, 0.4002



16.4229, 0.3287, 0.3352



12.2103, 0.6058, 0.3572



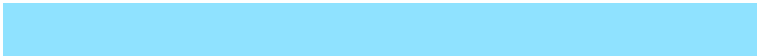
1.1713, 0.5802, 0.3775

Inverse Universe

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



63.1714, 0.2571, 0.3013



67.4355, 0.2473, 0.2950



43.3954, 0.2491, 0.2456



17.1971, 0.2981, 0.3228



21.0941, 0.2008, 0.2430



1.9143, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 51.6277, 0.3935, 0.3547 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 51.6277, 0.3935, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

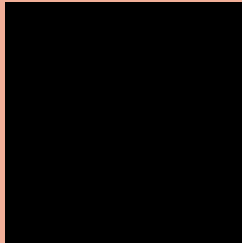
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6277, 0.3935, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 51.6277, 0.3935, 0.3547.



This preview shows how white text looks on a background with the Yxy color 51.6277, 0.3935, 0.3547.

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

51.6277, 0.3935, 0.3547

Protanopia

51.7476, 0.3465, 0.3677

Deuteranopia

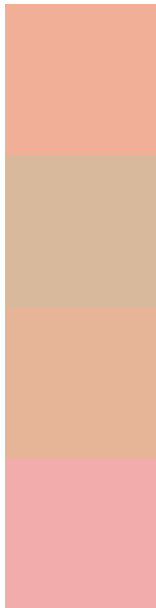
51.7570, 0.3758, 0.3679



Tritanopia

51.4014, 0.3691, 0.3150

Trichromacy



Original Color

51.6277, 0.3935, 0.3547

Protanomaly

51.6972, 0.3637, 0.3639

Deuteranomaly

51.6999, 0.3824, 0.3625

Tritanomaly

51.5383, 0.3779, 0.3292

Monochromacy



Original Color

51.6277, 0.3935, 0.3547

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.9938, 0.3405, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6277, 0.3935, 0.3547 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(241, 175, 152)` looks like.

```
.text, #text, p{  
    color:rgb(241, 175, 152)  
}
```

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(241, 175, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 175, 152) }
```

Border

The CSS property to change the border of an element to Yxy 51.6277, 0.3935, 0.3547 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(241, 175, 152) }
```

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

```
.border{ border-color:rgb(241, 175, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 175, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 175, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 175, 152);  
box-shadow:4px 4px 4px 4px rgb(241, 175,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6277, 0.3935, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 175, 152) }
```

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

```
.background{ background-color: rgb(241,  
175, 152) }
```

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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