

Converting Colors

$Yxy(52.0657, 0.3934, 0.3533)$

Have a look what the booklet for
Yxy(52.0657, 0.3934, 0.3533)
contains.

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Color

Yxy(52.0145, 0.3944, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	F3AF99
RGB	243, 175, 153
RGB Percent	95%, 69%, 60%
CMY	0.0470, 0.3138, 0.4000
CMYK	0.00, 0.28, 0.37, 0.05
HSL	15°, 79%, 78%
HSV	15°, 37%, 95%
XYZ	58.0490, 52.0145, 37.1196
YIQ	192.8240, 47.5900, 7.5740

Conversions

Conversions Part 2

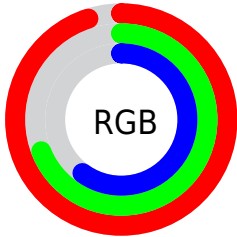
Format	Color
R_{YB}	243, 182, 153
Decimal	15970201
CIE _{Lab}	77.29, 22.11, 21.13
CIE _{LCh}	77, 30.581, 43.703
Yxy	52.0145, 0.3944, 0.3534
Android (android.graphics.Color)	4294160281 (0xFFFF3AF99)
YUV	192.8240, -19.6332, 44.0044
Hunter-Lab	72.1211, 17.4597, 19.9691

Details

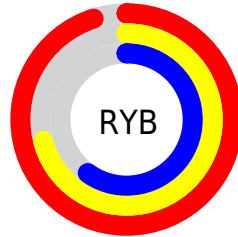
The Yxy color **52.0145, 0.3944, 0.3534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.9794, 0.2571, 0.3028**, and the grayscale version is **53.3183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9168, 0.3454, 0.3532**, and **25.1927, 0.4169, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **44.6244, 0.4266, 0.3598**, and if you desaturate by 10%, it is **60.5456, 0.3668, 0.3466**.

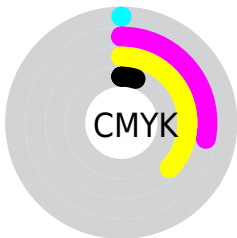
Distribution



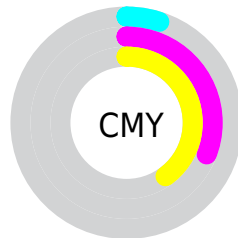
- Red (95%)
- Green (69%)
- Blue (60%)



- Red (95%)
- Yellow (71%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (37%)
- Black (5%)





- Cyan (5%)
- Magenta (31%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0145, 0.3944, 0.3534 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 52.0145, 0.3944, 0.3534 by changing the saturation by 10% instead.

 52.0145, 0.3944,
0.3534


 52.0145, 0.3944,
0.3534


394.4926, 0.3539,
0.3428

 37.0166, 0.4043,
0.3555


 93.1526, 0.3798,
0.3499

 25.2204, 0.4168,
0.3580


 120.0617, 0.3743,
0.3485

 16.2413, 0.4332,
0.3608


151.7099, 0.3696,
0.3473

 9.6951, 0.4554,
0.3637

188.4817, 0.3656,
0.3462

 5.1973, 0.4869,
0.3662

230.7615, 0.3621,
0.3452

 2.3635, 0.5376,
0.3680

278.9336, 0.3591,

 0.8070, 0.6339,

0.3443

333.3825, 0.3563,
0.3435

0.3661

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0145, 0.3944,
0.3534

52.0145, 0.3944,
0.3534

44.6244, 0.4266,
0.3598

60.5456, 0.3668,
0.3466

38.3187, 0.4631,
0.3650

70.2561, 0.3437,
0.3398

33.0473, 0.5026,
0.3681

81.1918, 0.3243,
0.3333

28.7528, 0.5422,
0.3678

93.3938, 0.3083,
0.3273

■ 25.3719, 0.5778,
0.3635

■ 97.7994, 0.3054,
0.3290

■ 22.8320, 0.6049,
0.3552

■ 22.2243, 0.6116,
0.3526

Harmonies

Analogous

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



52.0145, 0.3766, 0.3200



52.0145, 0.3944, 0.3534



52.0145, 0.3883, 0.3835

Triad

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



52.0145, 0.3944, 0.3534



52.0145, 0.2824, 0.3730



52.0145, 0.2630, 0.2622

Complementary

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



52.0145, 0.3944, 0.3534



64.9794, 0.2571, 0.3028

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.



52.0145, 0.2414, 0.2709



52.0145, 0.3944, 0.3534



52.0145, 0.2519, 0.3336

Square

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



52.0145, 0.3944, 0.3534



52.0145, 0.3224, 0.3989



52.0145, 0.2374, 0.2960



52.0145, 0.2987, 0.2695

Rectangle

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



52.0145, 0.3944, 0.3534



52.0145, 0.3723, 0.3975



52.0145, 0.2374, 0.2960



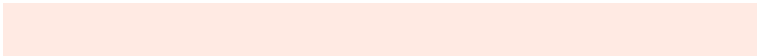
52.0145, 0.2540, 0.2633

Sweetspot

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



52.0170, 0.3944, 0.3534



85.5357, 0.3316, 0.3358



47.1192, 0.3352, 0.2566



17.9520, 0.3342, 0.3367



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.



52.0170, 0.3944, 0.3534



52.0632, 0.4167, 0.3580



72.0336, 0.3770, 0.3990



17.1398, 0.3288, 0.3348



12.3704, 0.6090, 0.3546



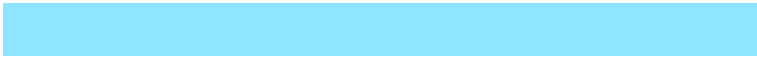
1.2420, 0.5850, 0.3737

Inverse Universe

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



64.9794, 0.2571, 0.3028



68.3064, 0.2476, 0.2969



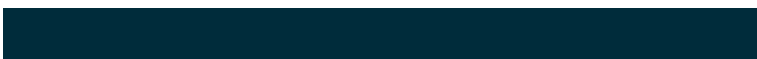
44.6946, 0.2491, 0.2472



18.0319, 0.2980, 0.3231



22.5082, 0.2022, 0.2479



2.1378, 0.2054, 0.2593

Previews

White Background



This preview shows how the Yxy color 52.0145, 0.3944, 0.3534 looks on a white background.

Color Contrast Check

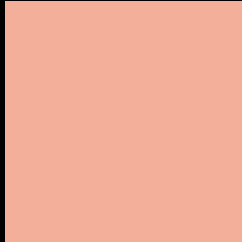
Large Text (above 18pt) WCAG AA × Fail

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 52.0145, 0.3944, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

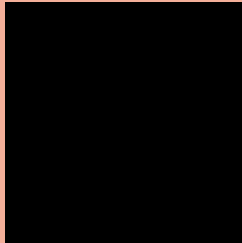
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0145, 0.3944, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 52.0145, 0.3944, 0.3534.



This preview shows how white text looks on a background with the Yxy color 52.0145, 0.3944, 0.3534.

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

52.0145, 0.3944, 0.3534

Protanopia

52.3914, 0.3455, 0.3663

Deuteranopia

52.2033, 0.3746, 0.3679



Tritanopia

52.1793, 0.3697, 0.3151

Trichromacy



Original Color

52.0145, 0.3944, 0.3534

Protanomaly

51.9183, 0.3629, 0.3614

Deuteranomaly

52.1377, 0.3811, 0.3625

Tritanomaly

51.9347, 0.3788, 0.3281

Monochromacy



Original Color

52.0145, 0.3944, 0.3534

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1810, 0.3405, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0145, 0.3944, 0.3534 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(243, 175, 153)` looks like.

```
.text, #text, p{  
    color:rgb(243, 175, 153)  
}
```

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(243, 175, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 175, 153) }
```

Border

The CSS property to change the border of an element to Yxy 52.0145, 0.3944, 0.3534 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(243, 175, 153) }
```

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

```
.border{ border-color:rgb(243, 175, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 175, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 175, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 175, 153);  
box-shadow:4px 4px 4px 4px rgb(243, 175,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0145, 0.3944, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 175, 153) }
```

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

```
.background{ background-color: rgb(243,  
175, 153) }
```

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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