

Converting Colors

Yxy(51.7146, 0.3883, 0.3460)

Have a look what the booklet for
Yxy(51.7146, 0.3883, 0.3460)
contains.

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Color

Yxy(51.6526, 0.3884, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	F2AE9F
RGB	242, 174, 159
RGB Percent	95%, 68%, 62%
CMY	0.0509, 0.3177, 0.3766
CMYK	0.00, 0.28, 0.34, 0.05
HSL	11°, 76%, 79%
HSV	11°, 34%, 95%
XYZ	58.0158, 51.6526, 39.7029
YIQ	192.6220, 45.3430, 9.7510

Conversions

Conversions Part 2

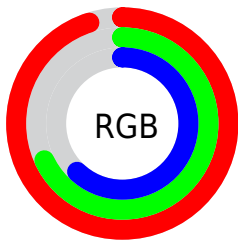
Format	Color
R_{YB}	242, 177, 159
Decimal	15904415
CIE _{Lab}	77.07, 22.96, 17.59
CIE _{LCh}	77, 28.922, 37.448
Yxy	51.6526, 0.3884, 0.3458
Android (android.graphics.Color)	4294094495 (0xFFFF2AE9F)
YUV	192.6220, -16.5756, 43.3045
Hunter-Lab	71.8697, 18.3195, 17.5553

Details

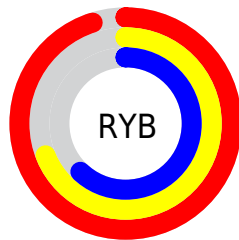
The Yxy color **51.6526, 0.3884, 0.3458** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.7197, 0.2618, 0.3113**, and the grayscale version is **53.1752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7087, 0.3408, 0.3451**, and **24.9478, 0.4087, 0.3479** is the 20% darker color. If you saturate the color by 10%, you get **43.7927, 0.4209, 0.3507**, and if you desaturate by 10%, it is **60.8124, 0.3610, 0.3407**.

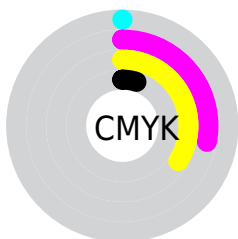
Distribution



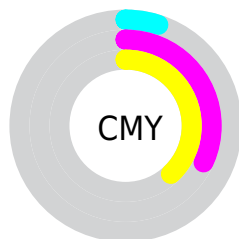
- Red (95%)
- Green (68%)
- Blue (62%)



- Red (95%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6526, 0.3884, 0.3458 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 51.6526, 0.3884, 0.3458 by changing the saturation by 10% instead.


 51.6526, 0.3884,
0.3458


 51.6526, 0.3884,
0.3458


393.0940, 0.3508,
0.3387

 36.7282, 0.3976,
0.3472


 92.6187, 0.3748,
0.3435

 24.9972, 0.4094,
0.3487


 119.4292, 0.3697,
0.3426

 16.0749, 0.4248,
0.3504


150.9706, 0.3654,
0.3417

 9.5772, 0.4458,
0.3521

187.6272, 0.3616,
0.3410

 5.1195, 0.4761,
0.3530

229.7835, 0.3584,
0.3403

 2.3176, 0.5229,
0.3515

277.8238, 0.3556,

 0.7830, 0.6405,

0.3397

0.3595

332.1325, 0.3531,
0.3392

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6526, 0.3884,
0.3458

51.6526, 0.3884,
0.3458

43.7927, 0.4209,
0.3507

60.8124, 0.3610,
0.3407

37.1663, 0.4586,
0.3547

71.3199, 0.3384,
0.3357

31.7122, 0.5001,
0.3572

83.2295, 0.3197,
0.3309

27.3611, 0.5426,
0.3572

96.5395, 0.3048,
0.3273

■ 24.0360, 0.5814,
0.3540

■ 97.6210, 0.3048,
0.3290

■ 21.6492, 0.6111,
0.3475

■ 20.6655, 0.6233,
0.3433

Harmonies

Analogous

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



51.6526, 0.3673, 0.3141



51.6526, 0.3884, 0.3458



51.6526, 0.3875, 0.3756

Triad

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



51.6526, 0.3884, 0.3458



51.6526, 0.2916, 0.3772



51.6526, 0.2599, 0.2659

Complementary

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



51.6526, 0.3884, 0.3458



68.7197, 0.2618, 0.3113

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.



51.6526, 0.2426, 0.2776



51.6526, 0.3884, 0.3458



51.6526, 0.2599, 0.3416

Square

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



51.6526, 0.3884, 0.3458



51.6526, 0.3302, 0.3975



51.6526, 0.2425, 0.3045



51.6526, 0.2916, 0.2697

Rectangle

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



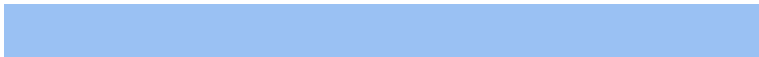
51.6526, 0.3884, 0.3458



51.6526, 0.3749, 0.3906



51.6526, 0.2425, 0.3045



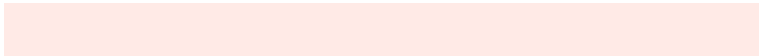
51.6526, 0.2523, 0.2681

Sweetspot

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



51.6551, 0.3884, 0.3458



85.8546, 0.3299, 0.3336



49.2815, 0.3283, 0.2566



17.9788, 0.3326, 0.3343



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.



51.6551, 0.3884, 0.3458



51.9866, 0.4100, 0.3492



69.6490, 0.3736, 0.3883



16.2211, 0.3289, 0.3333



11.2403, 0.6209, 0.3452



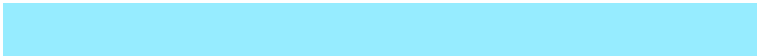
1.0639, 0.5974, 0.3639

Inverse Universe

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



68.7197, 0.2618, 0.3113



73.7896, 0.2529, 0.3072



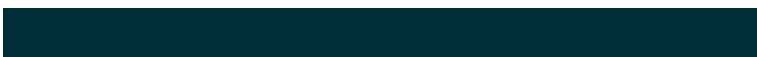
49.1773, 0.2552, 0.2613



17.4143, 0.2981, 0.3246



25.3821, 0.2084, 0.2701



2.2368, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 51.6526, 0.3884, 0.3458 looks on a white background.

Color Contrast Check

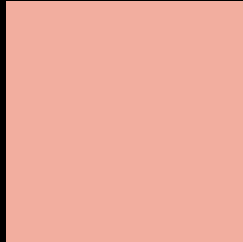
Large Text (above 18pt) WCAG AA × Fail

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 51.6526, 0.3884, 0.3458 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 51.6526, 0.3884, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 51.6526, 0.3884, 0.3458.



This preview shows how white text looks on a background with the Yxy color 51.6526, 0.3884, 0.3458.

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

51.6526, 0.3884, 0.3458

Protanopia

51.8963, 0.3392, 0.3577

Deuteranopia

51.6734, 0.3680, 0.3598



Tritanopia

51.4014, 0.3691, 0.3150

Trichromacy



Original Color

51.6526, 0.3884, 0.3458

Protanomaly

51.4084, 0.3563, 0.3531

Deuteranomaly

51.7692, 0.3753, 0.3545

Tritanomaly

51.2365, 0.3763, 0.3259

Monochromacy



Original Color

51.6526, 0.3884, 0.3458

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3029, 0.3380, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6526, 0.3884, 0.3458 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(242, 174, 159)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 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(242, 174, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 159) }
```

Border

The CSS property to change the border of an element to Yxy 51.6526, 0.3884, 0.3458 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(242, 174, 159) }
```

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

```
.border{ border-color:rgb(242, 174, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 174, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 159);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6526, 0.3884, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 159) }
```

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

```
.background{ background-color: rgb(242,  
174, 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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