

Converting Colors

Yxy(51.6318, 0.4063, 0.3430)

Have a look what the booklet for
Yxy(51.6318, 0.4063, 0.3430)
contains.

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Color

Yxy(51.6318, 0.4063, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	FFA89B
RGB	255, 168, 155
RGB Percent	100%, 66%, 61%
CMY	0.0000, 0.3412, 0.3923
CMYK	0.00, 0.34, 0.39, 0.00
HSL	8°, 100%, 80%
HSV	8°, 39%, 100%
XYZ	61.1604, 51.6318, 37.7379
YIQ	192.5310, 56.0250, 14.4010

Conversions

Conversions Part 2

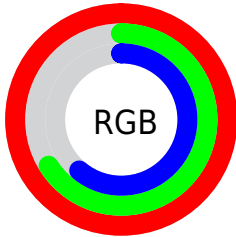
Format	Color
RYB	255, 170, 155
Decimal	16754843
CIELab	77.06, 30.54, 19.96
CIELCh	77, 36.488, 33.166
Yxy	51.6318, 0.4063, 0.3430
Android (android.graphics.Color)	4294944923 (0xFFFFA89B)
YUV	192.5310, -18.5028, 54.7853
Hunter-Lab	71.8553, 26.1854, 19.1600

Details

The Yxy color **51.6318, 0.4063, 0.3430** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.6685, 0.2560, 0.3141**, and the grayscale version is **53.1227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1748, 0.3452, 0.3442**, and **24.9967, 0.4321, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **43.3616, 0.4431, 0.3463**, and if you desaturate by 10%, it is **61.4793, 0.3752, 0.3393**.

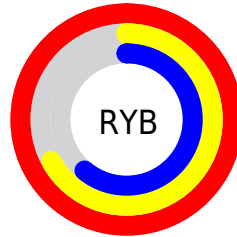
Distribution



Red (100%)

Green (66%)

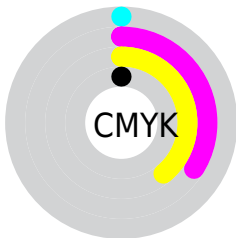
Blue (61%)



Red (100%)

Yellow (67%)

Blue (61%)

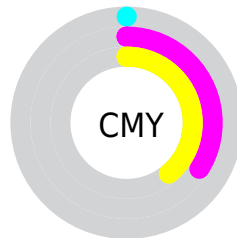


Cyan (0%)

Magenta (34%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6318, 0.4063, 0.3430 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 51.6318, 0.4063, 0.3430 by changing the saturation by 10% instead.

 51.6318, 0.4063,
0.3430


 51.6318, 0.4063,
0.3430

393.0135, 0.3598,
0.3378

 36.7117, 0.4177,
0.3437


 92.5880, 0.3896,
0.3415

 24.9843, 0.4321,
0.3444


 119.3929, 0.3832,
0.3409

 16.0654, 0.4510,
0.3447


150.9281, 0.3778,
0.3402

 9.5704, 0.4766,
0.3443


187.5781, 0.3732,
0.3397

 5.1151, 0.5129,
0.3417

229.7272, 0.3692,
0.3391

 2.3149, 0.5697,
0.3347

277.7599, 0.3657,

 0.7816, 0.6810,

0.3387

0.3190

332.0605, 0.3626,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6318, 0.4063,
0.3430

51.6318, 0.4063,
0.3430

43.3616, 0.4431,
0.3463

61.4793, 0.3752,
0.3393

36.5863, 0.4850,
0.3486

72.9803, 0.3496,
0.3356

31.2161, 0.5296,
0.3493

86.2062, 0.3286,
0.3321

27.1513, 0.5723,
0.3477

100.0000, 0.3127,
0.3290

■ 24.2792, 0.6071,
0.3435

■ 22.4629, 0.6293,
0.3378

■ 22.3605, 0.6307,
0.3374

Harmonies

Analogous

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



51.6318, 0.3759, 0.3047



51.6318, 0.4063, 0.3430



51.6318, 0.4087, 0.3811

Triad

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



51.6318, 0.4063, 0.3430



51.6318, 0.2921, 0.3962



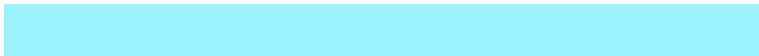
51.6318, 0.2426, 0.2515

Complementary

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



51.6318, 0.4063, 0.3430



77.6685, 0.2560, 0.3141

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.



51.6318, 0.2245, 0.2679



51.6318, 0.4063, 0.3430



51.6318, 0.2511, 0.3515

Square

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



51.6318, 0.4063, 0.3430



51.6318, 0.3407, 0.4178



51.6318, 0.2273, 0.3033



51.6318, 0.2793, 0.2541

Rectangle

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



51.6318, 0.4063, 0.3430



51.6318, 0.3947, 0.4021



51.6318, 0.2273, 0.3033



51.6318, 0.2344, 0.2547

Sweetspot

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



51.6318, 0.4063, 0.3430



82.3638, 0.3340, 0.3330



51.1829, 0.3269, 0.2418



17.2518, 0.3366, 0.3335



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.



51.6318, 0.4063, 0.3430



45.0721, 0.4344, 0.3456



73.0731, 0.3859, 0.3923



18.3684, 0.3291, 0.3322



11.8008, 0.6288, 0.3389



1.2620, 0.6115, 0.3527

Inverse Universe

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



77.6685, 0.2560, 0.3141



74.3403, 0.2468, 0.3107



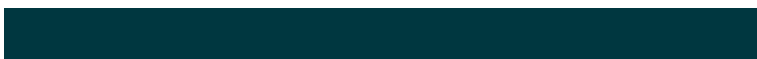
52.4639, 0.2470, 0.2556



20.0537, 0.2980, 0.3258



31.1643, 0.2131, 0.2872



3.1419, 0.2146, 0.2924

Previews

White Background



This preview shows how the Yxy color 51.6318, 0.4063, 0.3430 looks on a white background.

Color Contrast Check

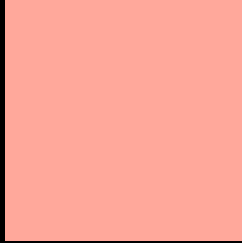
Large Text (above 18pt) WCAG AA × Fail

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 51.6318, 0.4063, 0.3430 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 51.6318, 0.4063, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 51.6318, 0.4063, 0.3430.



This preview shows how white text looks on a background with the Yxy color 51.6318, 0.4063, 0.3430.

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

51.6318, 0.4063, 0.3430

Protanopia

51.8594, 0.3400, 0.3590

Deuteranopia

51.6636, 0.3732, 0.3657



Tritanopia

51.7468, 0.3849, 0.3166

Trichromacy



Original Color

51.6318, 0.4063, 0.3430

Protanomaly

51.2802, 0.3630, 0.3528

Deuteranomaly

51.6331, 0.3850, 0.3576

Tritanomaly

51.7997, 0.3923, 0.3261

Monochromacy



Original Color

51.6318, 0.4063, 0.3430

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1346, 0.3444, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6318, 0.4063, 0.3430 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(255, 168, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 155)  
}
```

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(255, 168, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 155) }
```

Border

The CSS property to change the border of an element to Yxy 51.6318, 0.4063, 0.3430 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(255, 168, 155) }
```

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

```
.border{ border-color:rgb(255, 168, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6318, 0.4063, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 155) }
```

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

```
.background{ background-color: rgb(255,  
168, 155) }
```

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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