

Converting Colors

Yxy(52.5877, 0.4106, 0.3354)

Have a look what the booklet for
Yxy(52.5877, 0.4106, 0.3354)
contains.

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Color

Yxy(51.0705, 0.4023, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6A0
RGB	255, 166, 160
RGB Percent	100%, 65%, 63%
CMY	0.0000, 0.3490, 0.3726
CMYK	0.00, 0.35, 0.37, 0.00
HSL	4°, 100%, 81%
HSV	4°, 37%, 100%
XYZ	61.2207, 51.0705, 39.8855
YIQ	191.9270, 54.9700, 17.0020

Conversions

Conversions Part 2

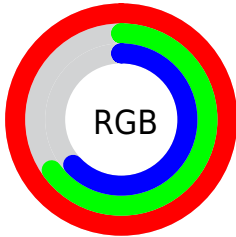
Format	Color
R _Y B	255, 166, 160
Decimal	16754336
CIE Lab	76.72, 32.14, 16.76
CIE LCh	77, 36.253, 27.540
Yxy	51.0705, 0.4023, 0.3356
Android (android.graphics.Color)	4294944416 (0xFFFFA6A0)
YUV	191.9270, -15.7400, 55.3150
Hunter-Lab	71.4636, 27.8541, 16.9334

Details

The Yxy color **51.0705, 0.4023, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.4356, 0.2596, 0.3222**, and the grayscale version is **52.7384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4088, 0.3414, 0.3361**, and **24.6501, 0.4268, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **42.3772, 0.4399, 0.3373**, and if you desaturate by 10%, it is **61.5644, 0.3710, 0.3338**.

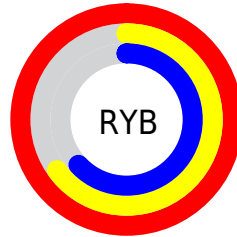
Distribution



Red (100%)

Green (65%)

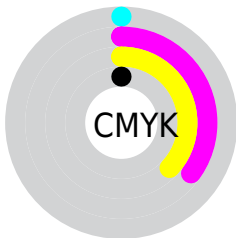
Blue (63%)



Red (100%)

Yellow (65%)

Blue (63%)

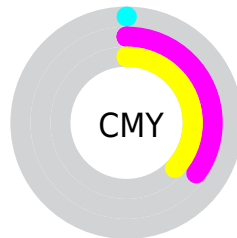


Cyan (0%)

Magenta (35%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0705, 0.4023, 0.3356 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 51.0705, 0.4023, 0.3356 by changing the saturation by 10% instead.


 51.0705, 0.4023,
0.3356


 51.0705, 0.4023,
0.3356


390.8376, 0.3577,
0.3338

 36.2647, 0.4133,
0.3356


 91.7590, 0.3862,
0.3353

 24.6387, 0.4272,
0.3354


 118.4105, 0.3801,
0.3351

 15.8081, 0.4455,
0.3346


149.7793, 0.3750,
0.3348

 9.3885, 0.4705,
0.3329

186.2499, 0.3705,
0.3346

 4.9954, 0.5063,
0.3287

228.2066, 0.3667,
0.3344

 2.2446, 0.5612,
0.3189

276.0339, 0.3633,

 0.7441, 0.6922,

0.3342

0.3078

330.1161, 0.3604,
0.3340

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0705, 0.4023,
0.3356

51.0705, 0.4023,
0.3356

42.3772, 0.4399,
0.3373

61.5644, 0.3710,
0.3338

35.3764, 0.4832,
0.3385

73.9444, 0.3456,
0.3319

29.9599, 0.5300,
0.3389

88.2992, 0.3251,
0.3302

26.0039, 0.5749,
0.3381

99.9998, 0.3127,
0.3290

■ 23.3663, 0.6112,
0.3360

■ 21.8758, 0.6330,
0.3330

■ 21.6346, 0.6368,
0.3326

Harmonies

Analogous

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



51.0705, 0.3676, 0.2982



51.0705, 0.4023, 0.3356



51.0705, 0.4102, 0.3743

Triad

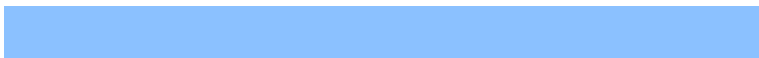
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.0705, 0.4023, 0.3356



51.0705, 0.3011, 0.4022



51.0705, 0.2379, 0.2533

Complementary

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



51.0705, 0.4023, 0.3356



82.4356, 0.2596, 0.3222

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.



51.0705, 0.2236, 0.2733



51.0705, 0.4023, 0.3356



51.0705, 0.2578, 0.3607

Square

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



51.0705, 0.4023, 0.3356



51.0705, 0.3496, 0.4182



51.0705, 0.2304, 0.3118



51.0705, 0.2714, 0.2524

Rectangle

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



51.0705, 0.4023, 0.3356



51.0705, 0.3996, 0.3966



51.0705, 0.2304, 0.3118



51.0705, 0.2309, 0.2577

Sweetspot

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



51.0730, 0.4023, 0.3356



82.6901, 0.3322, 0.3308



53.3173, 0.3208, 0.2406



17.2792, 0.3350, 0.3311



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.



51.0730, 0.4023, 0.3356



44.1882, 0.4308, 0.3369



71.0083, 0.3840, 0.3830



18.1715, 0.3293, 0.3306



11.3743, 0.6357, 0.3335



1.1692, 0.6256, 0.3415

Inverse Universe

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



82.4356, 0.2596, 0.3222



79.7903, 0.2507, 0.3206



57.2852, 0.2517, 0.2677



20.2728, 0.2980, 0.3274



36.0709, 0.2192, 0.3091



3.5693, 0.2199, 0.3115

Previews

White Background



This preview shows how the Yxy color 51.0705, 0.4023, 0.3356 looks on a white background.

Color Contrast Check

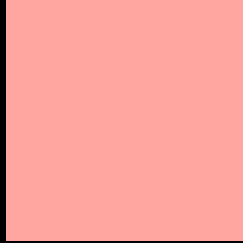
Large Text (above 18pt) WCAG AA × Fail

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 51.0705, 0.4023, 0.3356 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 51.0705, 0.4023, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 51.0705, 0.4023, 0.3356.



This preview shows how white text looks on a background with the Yxy color 51.0705, 0.4023, 0.3356.

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

51.0705, 0.4023, 0.3356

Protanopia

51.2441, 0.3327, 0.3503

Deuteranopia

51.1059, 0.3674, 0.3588



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

51.0705, 0.4023, 0.3356



Protanomaly

50.7803, 0.3563, 0.3446



Deuteranomaly

50.8429, 0.3804, 0.3497



Tritanomaly

51.0725, 0.3930, 0.3240

Monochromacy



Original Color

51.0705, 0.4023, 0.3356



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.6093, 0.3429, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0705, 0.4023, 0.3356 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, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 160)  
}
```

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, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 160) }
```

Border

The CSS property to change the border of an element to Yxy 51.0705, 0.4023, 0.3356 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, 166, 160) }
```

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

```
.border{ border-color:rgb(255, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0705, 0.4023, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 160) }
```

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

```
.background{ background-color: rgb(255,  
166, 160) }
```

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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