

Converting Colors

Yxy(51.3286, 0.4137, 0.3289)

Have a look what the booklet for
Yxy(51.3286, 0.4137, 0.3289)
contains.

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Color

Yxy(48.9748, 0.4037, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FFA0A1
RGB	255, 160, 161
RGB Percent	100%, 63%, 63%
CMY	0.0001, 0.3725, 0.3685
CMYK	0.00, 0.37, 0.37, 0.00
HSL	359°, 100%, 81%
HSV	359°, 37%, 100%
XYZ	60.2411, 48.9748, 40.0065
YIQ	188.5190, 56.2990, 20.4510

Conversions

Conversions Part 2

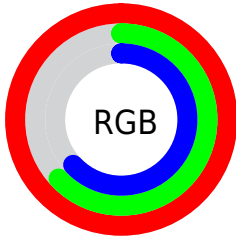
Format	Color
R _Y B	255, 160, 161
Decimal	16752801
CIE Lab	75.44, 35.37, 14.40
CIE LCh	75, 38.191, 22.151
Yxy	48.9748, 0.4037, 0.3282
Android (android.graphics.Color)	4294942881 (0xFFFFA0A1)
YUV	188.5190, -13.5669, 58.3038
Hunter-Lab	69.9820, 31.1858, 15.0931

Details

The Yxy color **48.9748, 0.4037, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1390, 0.2610, 0.3300**, and the grayscale version is **50.6572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3296, 0.3416, 0.3291**, and **23.3769, 0.4292, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **40.2216, 0.4426, 0.3281**, and if you desaturate by 10%, it is **59.7252, 0.3716, 0.3284**.

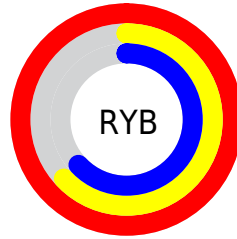
Distribution



Red (100%)

Green (63%)

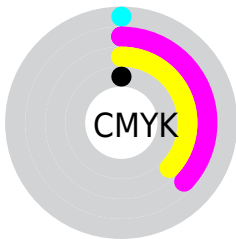
Blue (63%)



Red (100%)

Yellow (63%)

Blue (63%)

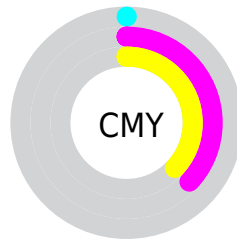


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9748, 0.4037, 0.3282 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 48.9748, 0.4037, 0.3282 by changing the saturation by 10% instead.


 48.9748, 0.4037,
0.3282


 48.9748, 0.4037,
0.3282


382.6431, 0.3581,
0.3300

 34.5995, 0.4150,
0.3274


 88.6540, 0.3872,
0.3291

 23.3545, 0.4295,
0.3261

 114.7267, 0.3810,
0.3294

 14.8555, 0.4485,
0.3240


145.4674, 0.3757,
0.3296

 8.7180, 0.4747,
0.3203

181.2603, 0.3712,
0.3297

 4.5577, 0.5126,
0.3136

222.4899, 0.3673,
0.3298

 1.9902, 0.5715,
0.2998

269.5407, 0.3638,

 0.6018, 0.7249,

0.3299

0.2751

322.7970, 0.3608,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9748, 0.4037,
0.3282

48.9748, 0.4037,
0.3282

40.2216, 0.4426,
0.3281

59.7252, 0.3716,
0.3284

33.3360, 0.4876,
0.3280

72.5776, 0.3457,
0.3286

28.1844, 0.5358,
0.3282

87.6383, 0.3250,
0.3288

24.6125, 0.5815,
0.3285

99.9970, 0.3127,
0.3290

■ 22.4390, 0.6168,
0.3290

■ 21.4306, 0.6361,
0.3296

■ 21.2630, 0.6393,
0.3296

Harmonies

Analogous

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



48.9748, 0.3625, 0.2897



48.9748, 0.4037, 0.3282



48.9748, 0.4177, 0.3695

Triad

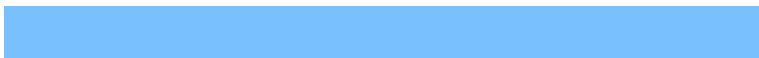
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.9748, 0.4037, 0.3282



48.9748, 0.3093, 0.4131



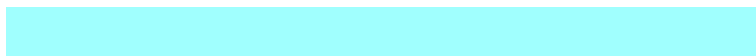
48.9748, 0.2289, 0.2507

Complementary

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



48.9748, 0.4037, 0.3282



86.1390, 0.2610, 0.3300

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.



48.9748, 0.2178, 0.2754



48.9748, 0.4037, 0.3282



48.9748, 0.2614, 0.3722

Square

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



48.9748, 0.4037, 0.3282



48.9748, 0.3605, 0.4241



48.9748, 0.2289, 0.3193



48.9748, 0.2609, 0.2465

Rectangle

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



48.9748, 0.4037, 0.3282



48.9748, 0.4096, 0.3947



48.9748, 0.2289, 0.3193



48.9748, 0.2228, 0.2566

Sweetspot

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



48.9772, 0.4037, 0.3282



81.7306, 0.3322, 0.3288



53.3232, 0.3158, 0.2362



17.0530, 0.3350, 0.3287



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.



48.9772, 0.4037, 0.3282



42.0264, 0.4333, 0.3281



67.8976, 0.3864, 0.3767



17.9902, 0.3293, 0.3288



11.1133, 0.6390, 0.3294



1.0831, 0.6364, 0.3279

Inverse Universe

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



48.9772, 0.4037, 0.3282



42.0264, 0.4333, 0.3281



60.3349, 0.2528, 0.2755



17.9902, 0.3293, 0.3288



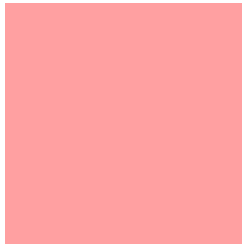
11.1133, 0.6390, 0.3294



1.0831, 0.6364, 0.3279

Previews

White Background



This preview shows how the Yxy color 48.9748, 0.4037, 0.3282 looks on a white background.

Color Contrast Check

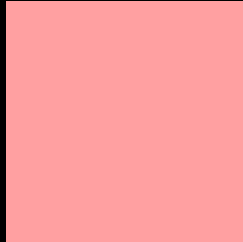
Large Text (above 18pt) WCAG AA × Fail

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 48.9748, 0.4037, 0.3282 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 48.9748, 0.4037, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 48.9748, 0.4037, 0.3282.



This preview shows how white text looks on a background with the Yxy color 48.9748, 0.4037, 0.3282.

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

48.9748, 0.4037, 0.3282

Protanopia

49.3803, 0.3273, 0.3443

Deuteranopia

49.0050, 0.3620, 0.3546



Tritanopia

48.9965, 0.3941, 0.3166

Trichromacy



Original Color

48.9748, 0.4037, 0.3282

Protanomaly

48.7559, 0.3537, 0.3388

Deuteranomaly

48.6663, 0.3772, 0.3442

Tritanomaly

48.8463, 0.3981, 0.3208

Monochromacy



Original Color

48.9748, 0.4037, 0.3282

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.2416, 0.3429, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9748, 0.4037, 0.3282 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, 160, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 161)  
}
```

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, 160, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.9748, 0.4037, 0.3282 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, 160, 161) }
```

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

```
.border{ border-color:rgb(255, 160, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9748, 0.4037, 0.3282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 161) }
```

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

```
.background{ background-color: rgb(255,  
160, 161) }
```

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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