

Converting Colors

$Y_{xy}(50.6768, 0.3924, 0.3217)$

Have a look what the booklet for
Yxy(50.6768, 0.3924, 0.3217)
contains.

Yxy(50.7512, 0.3924, 0.3219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.7512, 0.3924, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4AB
RGB	255, 164, 171
RGB Percent	100%, 64%, 67%
CMY	0.0000, 0.3568, 0.3296
CMYK	0.00, 0.36, 0.33, 0.00
HSL	355°, 100%, 82%
HSV	355°, 36%, 100%
XYZ	61.8663, 50.7512, 45.0439
YIQ	192.0070, 51.9890, 21.4690

Conversions

Conversions Part 2

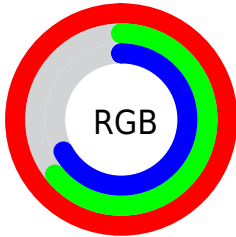
Format	Color
R _Y B	255, 164, 171
Decimal	16753835
CIE Lab	76.53, 34.49, 10.51
CIE LCh	77, 36.057, 16.943
Yxy	50.7512, 0.3924, 0.3219
Android (android.graphics.Color)	4294943915 (0xFFFFA4AB)
YUV	192.0070, -10.3565, 55.2449
Hunter-Lab	71.2399, 30.3437, 12.3798

Details

The Yxy color **50.7512, 0.3924, 0.3219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1930, 0.2656, 0.3366**, and the grayscale version is **52.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9374, 0.3339, 0.3231**, and **24.4366, 0.4143, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **41.7017, 0.4275, 0.3201**, and if you desaturate by 10%, it is **61.7908, 0.3635, 0.3239**.

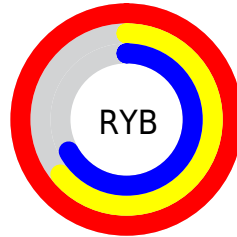
Distribution



Red (100%)

Green (64%)

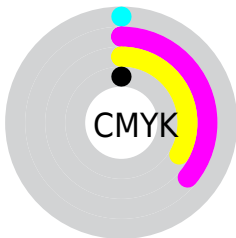
Blue (67%)



Red (100%)

Yellow (64%)

Blue (67%)

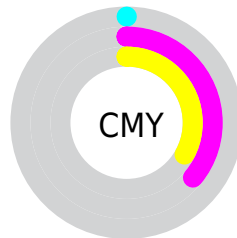


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7512, 0.3924, 0.3219 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 50.7512, 0.3924, 0.3219 by changing the saturation by 10% instead.


 50.7512, 0.3924,
0.3219

 50.7512, 0.3924,
0.3219


389.5964, 0.3528,
0.3263

 36.0106, 0.4022,
0.3206


 91.2869, 0.3781,
0.3237

 24.4424, 0.4146,
0.3187


 117.8508, 0.3727,
0.3243

 15.6621, 0.4310,
0.3160


149.1247, 0.3681,
0.3248

 9.2854, 0.4536,
0.3119

185.4928, 0.3642,
0.3252

 4.9278, 0.4862,
0.3050

227.3397, 0.3608,
0.3256

 2.2050, 0.5371,
0.2921

275.0496, 0.3578,

 0.7227, 0.6910,

0.3259

0.2882

329.0070, 0.3551,
0.3261

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7512, 0.3924,
0.3219

50.7512, 0.3924,
0.3219

41.7017, 0.4275,
0.3201

61.7908, 0.3635,
0.3239

34.5230, 0.4688,
0.3187

74.9285, 0.3402,
0.3260

29.0846, 0.5145,
0.3183

90.2653, 0.3216,
0.3280

25.2382, 0.5604,
0.3193

100.0000, 0.3127,
0.3290

■ 22.8115, 0.5999,
0.3217

■ 21.5915, 0.6267,
0.3254

■ 21.3087, 0.6340,
0.3266

Harmonies

Analogous

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



50.7512, 0.3510, 0.2866



50.7512, 0.3924, 0.3219



50.7512, 0.4105, 0.3609

Triad

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



50.7512, 0.3924, 0.3219



50.7512, 0.3183, 0.4110



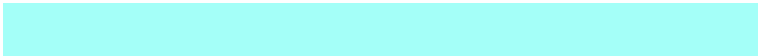
50.7512, 0.2308, 0.2583

Complementary

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



50.7512, 0.3924, 0.3219



86.1930, 0.2656, 0.3366

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.



50.7512, 0.2238, 0.2851



50.7512, 0.3924, 0.3219



50.7512, 0.2719, 0.3772

Square

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



50.7512, 0.3924, 0.3219



50.7512, 0.3653, 0.4164



50.7512, 0.2381, 0.3286



50.7512, 0.2578, 0.2509

Rectangle

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



50.7512, 0.3924, 0.3219



50.7512, 0.4064, 0.3852



50.7512, 0.2381, 0.3286



50.7512, 0.2261, 0.2651

Sweetspot

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



50.7514, 0.3924, 0.3219



81.8333, 0.3310, 0.3269



53.6227, 0.3107, 0.2386



17.0772, 0.3336, 0.3267



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.



50.7514, 0.3924, 0.3219



43.9422, 0.4175, 0.3205



66.1438, 0.3848, 0.3686



18.0096, 0.3282, 0.3272



11.1422, 0.6321, 0.3256



1.0923, 0.6148, 0.3161

Inverse Universe

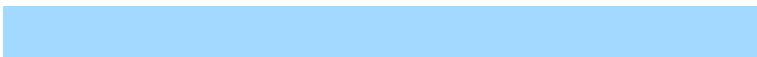
The Inverse Universe completely reimagines the original color for something new.



50.7514, 0.3924, 0.3219



43.9422, 0.4175, 0.3205



64.7827, 0.2563, 0.2854



18.0096, 0.3282, 0.3272



11.1422, 0.6321, 0.3256



1.0923, 0.6148, 0.3161

Previews

White Background



This preview shows how the Yxy color 50.7512, 0.3924, 0.3219 looks on a white background.

Color Contrast Check

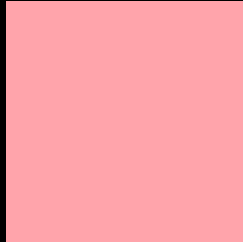
Large Text (above 18pt) WCAG AA × Fail

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 50.7512, 0.3924, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

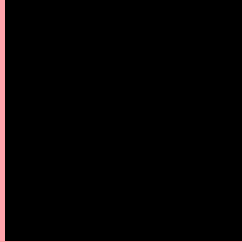
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7512, 0.3924, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 50.7512, 0.3924, 0.3219.



This preview shows how white text looks on a background with the Yxy color 50.7512, 0.3924, 0.3219.

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

50.7512, 0.3924, 0.3219

Protanopia

50.8965, 0.3208, 0.3340

Deuteranopia

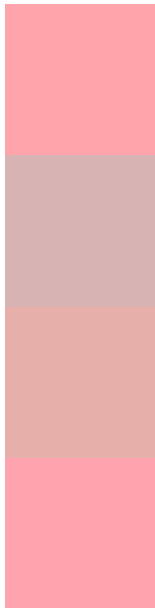
50.7301, 0.3533, 0.3459



Tritanopia

50.5890, 0.3878, 0.3155

Trichromacy



Original Color

50.7512, 0.3924, 0.3219

Protanomaly

50.0938, 0.3454, 0.3291

Deuteranomaly

50.3475, 0.3679, 0.3361

Tritanomaly

50.5104, 0.3898, 0.3176

Monochromacy



Original Color

50.7512, 0.3924, 0.3219

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.3637, 0.3397, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7512, 0.3924, 0.3219 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, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 171)  
}
```

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, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 171) }
```

Border

The CSS property to change the border of an element to Yxy 50.7512, 0.3924, 0.3219 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, 164, 171) }
```

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

```
.border{ border-color:rgb(255, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7512, 0.3924, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 171) }
```

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

```
.background{ background-color: rgb(255,  
164, 171) }
```

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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