

Converting Colors

Yxy(51.4058, 0.4005, 0.3256)

Have a look what the booklet for
Yxy(51.4058, 0.4005, 0.3256)
contains.

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Color

Yxy(50.6009, 0.3963, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4A7
RGB	255, 164, 167
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3569, 0.3452
CMYK	0.00, 0.36, 0.35, 0.00
HSL	358°, 100%, 82%
HSV	358°, 36%, 100%
XYZ	61.4938, 50.6009, 43.0752
YIQ	191.5510, 53.2730, 20.2250

Conversions

Conversions Part 2

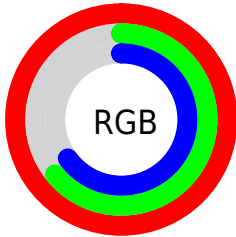
Format	Color
R _Y B	255, 164, 167
Decimal	16753831
CIE Lab	76.44, 34.01, 12.55
CIE LCh	76, 36.257, 20.257
Yxy	50.6009, 0.3963, 0.3261
Android (android.graphics.Color)	4294943911 (0xFFFFA4A7)
YUV	191.5510, -12.1036, 55.6448
Hunter-Lab	71.1343, 29.8237, 13.8911

Details

The Yxy color **50.6009, 0.3963, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4419, 0.2637, 0.3321**, and the grayscale version is **52.4831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7203, 0.3367, 0.3271**, and **24.3424, 0.4198, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **41.5431, 0.4332, 0.3254**, and if you desaturate by 10%, it is **61.6604, 0.3659, 0.3269**.

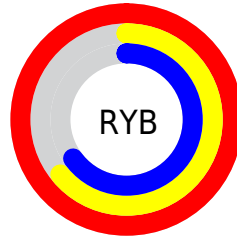
Distribution



Red (100%)

Green (64%)

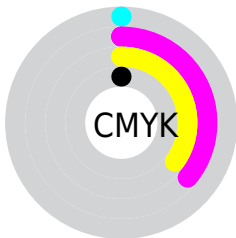
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

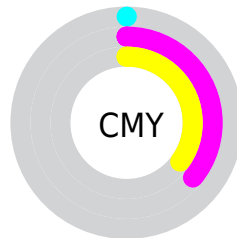


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6009, 0.3963, 0.3261 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 50.6009, 0.3963, 0.3261 by changing the saturation by 10% instead.


 50.6009, 0.3963,
0.3261

 50.6009, 0.3963,
0.3261


389.0112, 0.3547,
0.3286

 35.8911, 0.4066,
0.3252


 91.0646, 0.3812,
0.3273

 24.3501, 0.4197,
0.3238


 117.5872, 0.3756,
0.3276

 15.5935, 0.4369,
0.3217


148.8162, 0.3708,
0.3279

 9.2370, 0.4606,
0.3182

185.1361, 0.3666,
0.3281

 4.8961, 0.4948,
0.3121

226.9311, 0.3631,
0.3283

 2.1864, 0.5478,
0.2999

274.5857, 0.3599,

 0.7126, 0.7045,

0.3284

0.2955

328.4843, 0.3571,
0.3286

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.6009, 0.3963,
0.3261

50.6009, 0.3963,
0.3261

41.5431, 0.4332,
0.3254

61.6604, 0.3659,
0.3269

34.3698, 0.4764,
0.3249

74.8344, 0.3415,
0.3278

28.9476, 0.5238,
0.3249

90.2239, 0.3220,
0.3286

25.1265, 0.5702,
0.3255

100.0000, 0.3127,
0.3290

■ 22.7315, 0.6085,
0.3267

■ 21.5463, 0.6322,
0.3284

■ 21.2783, 0.6378,
0.3287

Harmonies

Analogous

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



50.6009, 0.3565, 0.2899



50.6009, 0.3963, 0.3261



50.6009, 0.4114, 0.3653

Triad

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



50.6009, 0.3963, 0.3261



50.6009, 0.3128, 0.4092



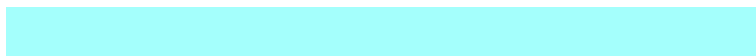
50.6009, 0.2323, 0.2561

Complementary

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



50.6009, 0.3963, 0.3261



86.4419, 0.2637, 0.3321

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.



50.6009, 0.2230, 0.2809



50.6009, 0.3963, 0.3261



50.6009, 0.2671, 0.3725

Square

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



50.6009, 0.3963, 0.3261



50.6009, 0.3608, 0.4178



50.6009, 0.2350, 0.3232



50.6009, 0.2615, 0.2507

Rectangle

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



50.6009, 0.3963, 0.3261



50.6009, 0.4051, 0.3892



50.6009, 0.2350, 0.3232



50.6009, 0.2269, 0.2622

Sweetspot

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



50.6000, 0.3963, 0.3261



81.7650, 0.3318, 0.3281



54.4599, 0.3144, 0.2396



17.0611, 0.3345, 0.3280



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.



50.6000, 0.3963, 0.3261



43.7860, 0.4226, 0.3256



68.3078, 0.3831, 0.3732



17.9967, 0.3289, 0.3283



11.1225, 0.6368, 0.3281



1.0862, 0.6289, 0.3238

Inverse Universe

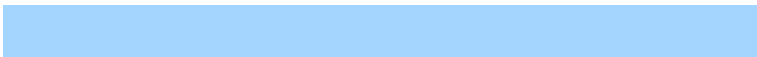
The Inverse Universe completely reimagines the original color for something new.



50.6000, 0.3963, 0.3261



43.7860, 0.4226, 0.3256



62.4663, 0.2556, 0.2799



17.9967, 0.3289, 0.3283



11.1225, 0.6368, 0.3281



1.0862, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 50.6009, 0.3963, 0.3261 looks on a white background.

Color Contrast Check

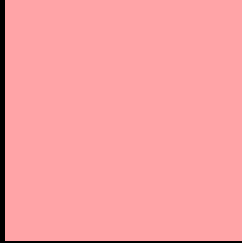
Large Text (above 18pt) WCAG AA × Fail

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 50.6009, 0.3963, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

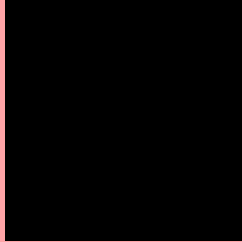
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.6009, 0.3963, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 50.6009, 0.3963, 0.3261.



This preview shows how white text looks on a background with the Yxy color 50.6009, 0.3963, 0.3261.

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

50.6009, 0.3963, 0.3261

Protanopia

50.8638, 0.3248, 0.3390

Deuteranopia

50.7352, 0.3577, 0.3507



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.6009, 0.3963, 0.3261



Protanomaly

50.0871, 0.3498, 0.3339



Deuteranomaly

50.1996, 0.3716, 0.3407



Tritanomaly

50.4329, 0.3917, 0.3198

Monochromacy



Original Color

50.6009, 0.3963, 0.3261



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.3219, 0.3405, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6009, 0.3963, 0.3261 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 167) }
```

Border

The CSS property to change the border of an element to Yxy 50.6009, 0.3963, 0.3261 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, 167) }
```

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

```
.border{ border-color:rgb(255, 164, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6009, 0.3963, 0.3261 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
164, 167) }
```

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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