

Converting Colors

$Yxy(50.4497, 0.3987, 0.3273)$

Have a look what the booklet for
Yxy(50.4497, 0.3987, 0.3273)
contains.

Yxy(50.1710, 0.3986, 0.3271)	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(50.1710, 0.3986, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A5
RGB	255, 163, 165
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3608, 0.3528
CMYK	0.00, 0.36, 0.35, 0.00
HSL	359°, 100%, 82%
HSV	359°, 36%, 100%
XYZ	61.1378, 50.1710, 42.0725
YIQ	190.7360, 54.1900, 20.1260

Conversions

Conversions Part 2

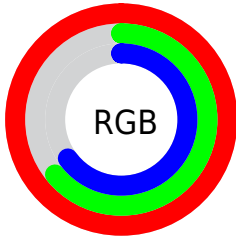
Format	Color
R _Y B	255, 163, 165
Decimal	16753573
CIE Lab	76.17, 34.31, 13.25
CIE LCh	76, 36.779, 21.114
Yxy	50.1710, 0.3986, 0.3271
Android (android.graphics.Color)	4294943653 (0xFFFFA3A5)
YUV	190.7360, -12.6878, 56.3595
Hunter-Lab	70.8315, 30.1161, 14.3650

Details

The Yxy color **50.1710, 0.3986, 0.3271** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3948, 0.2628, 0.3311**, and the grayscale version is **51.9883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0903, 0.3383, 0.3281**, and **24.0799, 0.4231, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **41.1873, 0.4362, 0.3267**, and if you desaturate by 10%, it is **61.1524, 0.3676, 0.3276**.

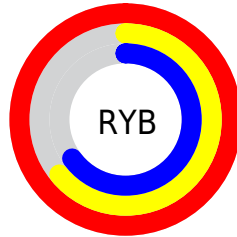
Distribution



Red (100%)

Green (64%)

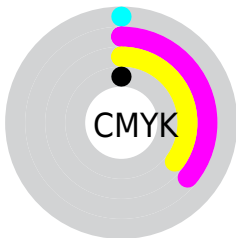
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

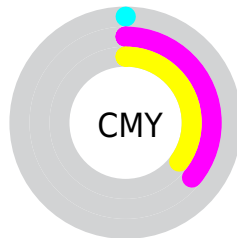


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1710, 0.3986, 0.3271 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 50.1710, 0.3986, 0.3271 by changing the saturation by 10% instead.


 50.1710, 0.3986,
0.3271

 50.1710, 0.3986,
0.3271

387.3343, 0.3558,
0.3292

 35.5493, 0.4092,
0.3262


 90.4282, 0.3831,
0.3281

 24.0863, 0.4227,
0.3249


 116.8324, 0.3773,
0.3284

 15.3977, 0.4405,
0.3229


147.9330, 0.3723,
0.3287

 9.0989, 0.4649,
0.3195

184.1143, 0.3681,
0.3289

 4.8058, 0.5002,
0.3133

225.7607, 0.3644,
0.3290

 2.1338, 0.5548,
0.3008

273.2565, 0.3611,

 0.6835, 0.7091,

0.3291

0.2909

326.9863, 0.3583,
0.3292

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1710, 0.3986,
0.3271

50.1710, 0.3986,
0.3271

41.1873, 0.4362,
0.3267

61.1524, 0.3676,
0.3276

34.0877, 0.4801,
0.3264

74.2493, 0.3427,
0.3282

28.7362, 0.5279,
0.3265

89.5618, 0.3228,
0.3287

24.9815, 0.5742,
0.3270

100.0000, 0.3127,
0.3290

■ 22.6467, 0.6116,
0.3279

■ 21.5126, 0.6337,
0.3290

■ 21.2724, 0.6385,
0.3291

Harmonies

Analogous

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



50.1710, 0.3587, 0.2902



50.1710, 0.3986, 0.3271



50.1710, 0.4131, 0.3668

Triad

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



50.1710, 0.3986, 0.3271



50.1710, 0.3113, 0.4100



50.1710, 0.2316, 0.2545

Complementary

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



50.1710, 0.3986, 0.3271



86.3948, 0.2628, 0.3311

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.



50.1710, 0.2216, 0.2790



50.1710, 0.3986, 0.3271



50.1710, 0.2651, 0.3719

Square

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



50.1710, 0.3986, 0.3271



50.1710, 0.3602, 0.4196



50.1710, 0.2331, 0.3216



50.1710, 0.2618, 0.2496

Rectangle

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



50.1710, 0.3986, 0.3271



50.1710, 0.4061, 0.3910



50.1710, 0.2331, 0.3216



50.1710, 0.2259, 0.2604

Sweetspot

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



50.1686, 0.3986, 0.3271



81.7485, 0.3320, 0.3284



54.0938, 0.3144, 0.2387



17.0572, 0.3348, 0.3284



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.



50.1686, 0.3986, 0.3271



43.7491, 0.4239, 0.3268



68.0120, 0.3841, 0.3737



17.9936, 0.3291, 0.3285



11.1181, 0.6378, 0.3287



1.0847, 0.6325, 0.3258

Inverse Universe

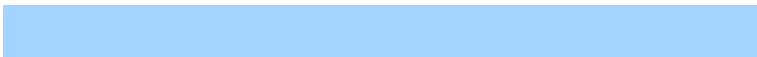
The Inverse Universe completely reimagines the original color for something new.



50.1686, 0.3986, 0.3271



43.7491, 0.4239, 0.3268



62.1235, 0.2549, 0.2793



17.9936, 0.3291, 0.3285



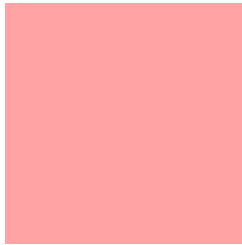
11.1181, 0.6378, 0.3287



1.0847, 0.6325, 0.3258

Previews

White Background



This preview shows how the Yxy color 50.1710, 0.3986, 0.3271 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 50.1710, 0.3986, 0.3271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

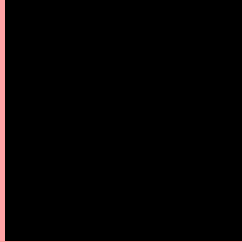
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1710, 0.3986, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 50.1710, 0.3986, 0.3271.



This preview shows how white text looks on a background with the Yxy color 50.1710, 0.3986, 0.3271.

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

50.1710, 0.3986, 0.3271

Protanopia

50.6501, 0.3255, 0.3416

Deuteranopia

50.2553, 0.3597, 0.3519



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1710, 0.3986, 0.3271



Protanomaly

49.8563, 0.3506, 0.3363



Deuteranomaly

49.7394, 0.3737, 0.3418



Tritanomaly

50.0409, 0.3930, 0.3198

Monochromacy



Original Color

50.1710, 0.3986, 0.3271



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.7213, 0.3407, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1710, 0.3986, 0.3271 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, 163, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 165)  
}
```

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, 163, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 165) }
```

Border

The CSS property to change the border of an element to Yxy 50.1710, 0.3986, 0.3271 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, 163, 165) }
```

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

```
.border{ border-color:rgb(255, 163, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1710, 0.3986, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 165) }
```

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

```
.background{ background-color: rgb(255,  
163, 165) }
```

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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