

Converting Colors

$Y_{xy}(59.5750, 0.4314, 0.3379)$

Have a look what the booklet for
Yxy(59.5750, 0.4314, 0.3379)
contains.

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Color

Yxy(52.1740, 0.4011, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9A0
RGB	255, 169, 160
RGB Percent	100%, 66%, 63%
CMY	0.0000, 0.3373, 0.3725
CMYK	0.00, 0.34, 0.37, 0.00
HSL	6°, 100%, 81%
HSV	6°, 37%, 100%
XYZ	61.7862, 52.1740, 40.0817
YIQ	193.6880, 54.1450, 15.4330

Conversions

Conversions Part 2

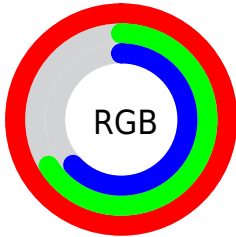
Format	Color
R _Y B	255, 170, 160
Decimal	16755104
CIE Lab	77.38, 30.61, 17.67
CIE LCh	77, 35.347, 29.996
Yxy	52.1740, 0.4011, 0.3387
Android (android.graphics.Color)	4294945184 (0xFFFFA9A0)
YUV	193.6880, -16.6082, 53.7706
Hunter-Lab	72.2316, 26.2820, 17.6617

Details

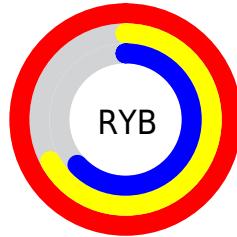
The Yxy color **52.1740, 0.4011, 0.3387** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.6317, 0.2591, 0.3189**, and the grayscale version is **53.8251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0167, 0.3409, 0.3391**, and **25.3307, 0.4248, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **43.5193, 0.4378, 0.3412**, and if you desaturate by 10%, it is **62.5182, 0.3704, 0.3360**.

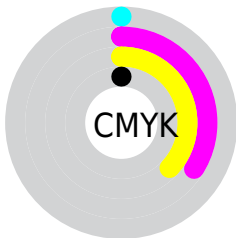
Distribution



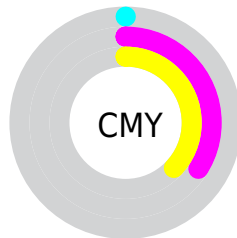
- Red (100%)
- Green (66%)
- Blue (63%)



- Red (100%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1740, 0.4011, 0.3387 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 52.1740, 0.4011, 0.3387 by changing the saturation by 10% instead.


 52.1740, 0.4011,
0.3387


 52.1740, 0.4011,
0.3387


395.1080, 0.3573,
0.3354

 37.1438, 0.4118,
0.3391

 93.3878, 0.3853,
0.3378

 25.3188, 0.4255,
0.3393


 120.3402, 0.3793,
0.3374

 16.3148, 0.4433,
0.3392


152.0354, 0.3743,
0.3370

 9.7472, 0.4676,
0.3382

188.8579, 0.3699,
0.3366

 5.2316, 0.5021,
0.3352

231.1920, 0.3661,
0.3363

 2.3838, 0.5547,
0.3272

279.4221, 0.3628,

 0.8175, 0.6785,

0.3360

0.3215

333.9326, 0.3599,
0.3357

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.1740, 0.4011,
0.3387

52.1740, 0.4011,
0.3387

43.5193, 0.4378,
0.3412

62.5182, 0.3704,
0.3360

36.4796, 0.4800,
0.3430

74.6527, 0.3453,
0.3333

30.9496, 0.5257,
0.3436

88.6507, 0.3250,
0.3307

26.8185, 0.5701,
0.3426

100.0000, 0.3127,
0.3290

■ 23.9602, 0.6068,
0.3397

■ 22.2252, 0.6301,
0.3354

■ 21.9156, 0.6344,
0.3345

Harmonies

Analogous

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



52.1740, 0.3694, 0.3019



52.1740, 0.4011, 0.3387



52.1740, 0.4065, 0.3760

Triad

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



52.1740, 0.4011, 0.3387



52.1740, 0.2978, 0.3972



52.1740, 0.2421, 0.2548

Complementary

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



52.1740, 0.4011, 0.3387



80.6317, 0.2591, 0.3189

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.



52.1740, 0.2266, 0.2728



52.1740, 0.4011, 0.3387



52.1740, 0.2567, 0.3558

Square

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



52.1740, 0.4011, 0.3387



52.1740, 0.3448, 0.4151



52.1740, 0.2315, 0.3089



52.1740, 0.2761, 0.2553

Rectangle

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



52.1740, 0.4011, 0.3387



52.1740, 0.3949, 0.3970



52.1740, 0.2315, 0.3089



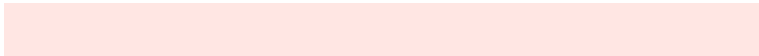
52.1740, 0.2348, 0.2586

Sweetspot

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



52.1685, 0.4011, 0.3387



83.1724, 0.3321, 0.3317



53.1302, 0.3234, 0.2433



17.3930, 0.3348, 0.3320



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.



52.1685, 0.4011, 0.3387



45.3184, 0.4290, 0.3406



72.6171, 0.3827, 0.3860



18.2625, 0.3292, 0.3313



11.5428, 0.6329, 0.3357



1.2122, 0.6189, 0.3468

Inverse Universe

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



80.6317, 0.2591, 0.3189



77.6236, 0.2499, 0.3165



55.8179, 0.2511, 0.2639



20.1711, 0.2980, 0.3267



33.7394, 0.2164, 0.2991



3.3669, 0.2174, 0.3028

Previews

White Background



This preview shows how the Yxy color 52.1740, 0.4011, 0.3387 looks on a white background.

Color Contrast Check

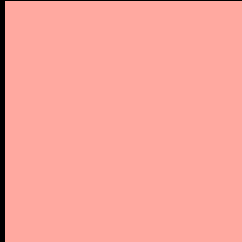
Large Text (above 18pt) WCAG AA × Fail

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 52.1740, 0.4011, 0.3387 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 52.1740, 0.4011, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 52.1740, 0.4011, 0.3387.



This preview shows how white text looks on a background with the Yxy color 52.1740, 0.4011, 0.3387.

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

52.1740, 0.4011, 0.3387

Protanopia

52.4812, 0.3358, 0.3538

Deuteranopia

52.2449, 0.3685, 0.3609



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.1740, 0.4011, 0.3387

Protanomaly

51.8726, 0.3584, 0.3480

Deuteranomaly

52.2012, 0.3802, 0.3530

Tritanomaly

52.2438, 0.3900, 0.3250

Monochromacy



Original Color

52.1740, 0.4011, 0.3387

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.6743, 0.3417, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1740, 0.4011, 0.3387 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, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 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, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 160) }
```

Border

The CSS property to change the border of an element to Yxy 52.1740, 0.4011, 0.3387 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, 169, 160) }
```

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

```
.border{ border-color:rgb(255, 169, 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, 169, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1740, 0.4011, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 160) }
```

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

```
.background{ background-color: rgb(255,  
169, 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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