

Converting Colors

$Y_{xy}(62.2194, 0.4751, 0.3187)$

Have a look what the booklet for
Yxy(62.2194, 0.4751, 0.3187)
contains.

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Color

Yxy(44.0489, 0.4108, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FF91A0
RGB	255, 145, 160
RGB Percent	100%, 57%, 63%
CMY	0.0001, 0.4313, 0.3726
CMYK	0.00, 0.43, 0.37, 0.00
HSL	352°, 100%, 78%
HSV	352°, 43%, 100%
XYZ	57.7018, 44.0489, 38.7113
YIQ	179.6000, 60.7450, 27.9850

Conversions

Conversions Part 2

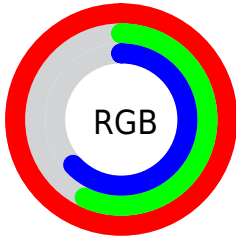
Format	Color
R_{YB}	255, 145, 160
Decimal	16748960
CIE _{Lab}	72.26, 42.93, 10.49
CIE _{LCh}	72, 44.197, 13.730
Yxy	44.0489, 0.4108, 0.3136
Android (android.graphics.Color)	4294939040 (0xFFFF91A0)
YUV	179.6000, -9.6628, 66.1258
Hunter-Lab	66.3693, 39.0424, 11.8764

Details

The Yxy color **44.0489, 0.4108, 0.3136** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.8164, 0.2607, 0.3460**, and the grayscale version is **45.4469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4748, 0.3449, 0.3138**, and **20.3605, 0.4387, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **36.4084, 0.4478, 0.3107**, and if you desaturate by 10%, it is **53.5788, 0.3797, 0.3171**.

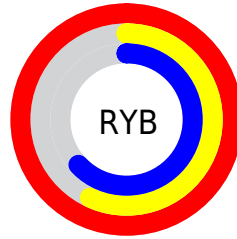
Distribution



Red (100%)

Green (57%)

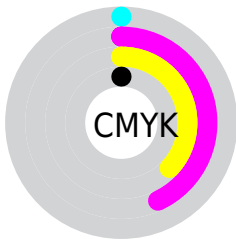
Blue (63%)



Red (100%)

Yellow (57%)

Blue (63%)

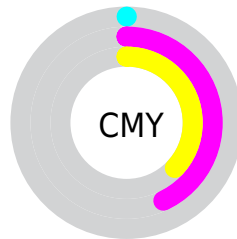


Cyan (0%)

Magenta (43%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0489, 0.4108, 0.3136 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 44.0489, 0.4108, 0.3136 by changing the saturation by 10% instead.

 44.0489, 0.4108,
0.3136


 44.0489, 0.4108,
0.3136


362.9078, 0.3609,
0.3226

 30.7090, 0.4234,
0.3110

 81.2913, 0.3925,
0.3172

 20.3773, 0.4396,
0.3074


 105.9626, 0.3857,
0.3184

 12.6696, 0.4613,
0.3023


135.1797, 0.3800,
0.3194

 7.2014, 0.4915,
0.2945

169.3272, 0.3751,
0.3203

 3.5884, 0.5359,
0.2817

208.7893, 0.3708,
0.3210

 1.4461, 0.6082,
0.2587

253.9505, 0.3671,

 0.2503, 0.8454,

0.3216

0.1546

305.1952, 0.3638,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.0489, 0.4108,
0.3136

44.0489, 0.4108,
0.3136

36.4084, 0.4478,
0.3107

53.5788, 0.3797,
0.3171

30.5251, 0.4900,
0.3091

65.1056, 0.3542,
0.3209

26.2603, 0.5344,
0.3095

78.7364, 0.3337,
0.3245

23.4514, 0.5763,
0.3124

94.5689, 0.3172,
0.3280

■ 21.9015, 0.6095,
0.3178

99.9947, 0.3127,
0.3290

■ 21.3742, 0.6254,
0.3219

Harmonies

Analogous

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



44.0489, 0.3545, 0.2716



44.0489, 0.4108, 0.3136



44.0489, 0.4376, 0.3615

Triad

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



44.0489, 0.4108, 0.3136



44.0489, 0.3248, 0.4393



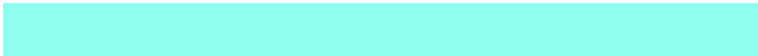
44.0489, 0.2080, 0.2417

Complementary

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



44.0489, 0.4108, 0.3136



83.8164, 0.2607, 0.3460

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.



44.0489, 0.2021, 0.2766



44.0489, 0.4108, 0.3136



44.0489, 0.2655, 0.3983

Square

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



44.0489, 0.4108, 0.3136



44.0489, 0.3839, 0.4392



44.0489, 0.2217, 0.3341



44.0489, 0.2384, 0.2312

Rectangle

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



44.0489, 0.4108, 0.3136



44.0489, 0.4341, 0.3929



44.0489, 0.2217, 0.3341



44.0489, 0.2032, 0.2505

Sweetspot

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



44.0511, 0.4108, 0.3136



78.9337, 0.3335, 0.3246



45.7374, 0.3037, 0.2184



16.2098, 0.3376, 0.3238



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.



44.0511, 0.4108, 0.3136



37.1840, 0.4434, 0.3110



57.3765, 0.4081, 0.3695



18.0273, 0.3273, 0.3258



11.1835, 0.6226, 0.3203



1.1006, 0.5969, 0.3062

Inverse Universe

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



44.0511, 0.4108, 0.3136



37.1840, 0.4434, 0.3110



62.6041, 0.2464, 0.2835



18.0273, 0.3273, 0.3258



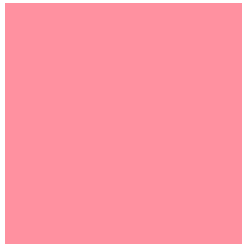
11.1835, 0.6226, 0.3203



1.1006, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 44.0489, 0.4108, 0.3136 looks on a white background.

Color Contrast Check

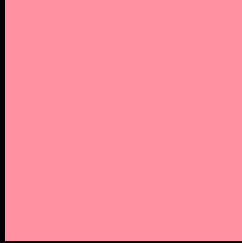
Large Text (above 18pt) WCAG AA × Fail

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 44.0489, 0.4108, 0.3136 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 44.0489, 0.4108, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 44.0489, 0.4108, 0.3136.



This preview shows how white text looks on a background with the Yxy color 44.0489, 0.4108, 0.3136.

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

44.0489, 0.4108, 0.3136

Protanopia

44.4424, 0.3162, 0.3290

Deuteranopia

44.1889, 0.3567, 0.3494



Tritanopia

44.2181, 0.4147, 0.3188

Trichromacy



Original Color

44.0489, 0.4108, 0.3136



Protanomaly

43.2604, 0.3481, 0.3217



Deuteranomaly

43.8046, 0.3759, 0.3352



Tritanomaly

44.2521, 0.4136, 0.3178

Monochromacy



Original Color

44.0489, 0.4108, 0.3136



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9200, 0.3449, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0489, 0.4108, 0.3136 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, 145, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.0489, 0.4108, 0.3136 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, 145, 160) }
```

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

```
.border{ border-color:rgb(255, 145, 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, 145, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0489, 0.4108, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 160) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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