

Converting Colors

Yxy(54.2637, 0.4664, 0.3169)

Have a look what the booklet for
Yxy(54.2637, 0.4664, 0.3169)
contains.

Yxy(42.0918, 0.4188, 0.3126)	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(42.0918, 0.4188, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	FF8B9B
RGB	255, 139, 155
RGB Percent	100%, 55%, 61%
CMY	0.0000, 0.4549, 0.3921
CMYK	0.00, 0.45, 0.39, 0.00
HSL	352°, 100%, 77%
HSV	352°, 45%, 100%
XYZ	56.3917, 42.0918, 36.1672
YIQ	175.5080, 64.0000, 29.5680

Conversions

Conversions Part 2

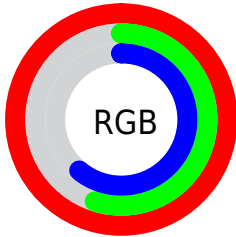
Format	Color
R _Y B	255, 139, 155
Decimal	16747419
CIE Lab	70.93, 45.43, 11.38
CIE LCh	71, 46.828, 14.060
Yxy	42.0918, 0.4188, 0.3126
Android (android.graphics.Color)	4294937499 (0xFFFF8B9B)
YUV	175.5080, -10.1104, 69.7145
Hunter-Lab	64.8782, 41.6142, 12.3628

Details

The Yxy color **42.0918, 0.4188, 0.3126** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2405, 0.2586, 0.3473**, and the grayscale version is **43.1756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4470, 0.3506, 0.3137**, and **19.2572, 0.4504, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **34.8767, 0.4571, 0.3099**, and if you desaturate by 10%, it is **51.1647, 0.3863, 0.3161**.

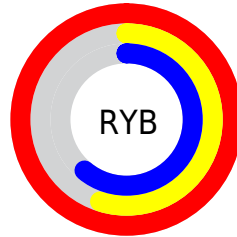
Distribution



Red (100%)

Green (55%)

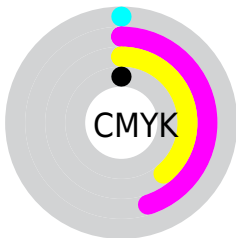
Blue (61%)



Red (100%)

Yellow (55%)

Blue (61%)

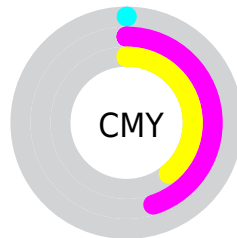


Cyan (0%)

Magenta (45%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0918, 0.4188, 0.3126 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 42.0918, 0.4188, 0.3126 by changing the saturation by 10% instead.


 42.0918, 0.4188,
0.3126


 42.0918, 0.4188,
0.3126


354.8633, 0.3645,
0.3224

 29.1732, 0.4326,
0.3097


 78.3385, 0.3988,
0.3165

 19.2119, 0.4505,
0.3057


 102.4355, 0.3914,
0.3179

 11.8235, 0.4744,
0.2999


 131.0273, 0.3851,
0.3190

 6.6236, 0.5079,
0.2910

164.4983, 0.3798,
0.3199

 3.2278, 0.5573,
0.2761

203.2331, 0.3752,
0.3207

 1.2518, 0.6436,
0.2514

247.6159, 0.3711,

 0.1034, 0.9243,

0.3213

0.0757

298.0312, 0.3676,
0.3219

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.0918, 0.4188,
0.3126

42.0918, 0.4188,
0.3126

34.8767, 0.4571,
0.3099

51.1647, 0.3863,
0.3161

29.3885, 0.5000,
0.3087

62.2097, 0.3597,
0.3198

25.4825, 0.5443,
0.3096

75.3345, 0.3381,
0.3236

22.9895, 0.5847,
0.3132

90.6384, 0.3207,
0.3272

■ 21.7013, 0.6151,
0.3190

100.0000, 0.3127,
0.3290

■ 21.3825, 0.6250,
0.3217

Harmonies

Analogous

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



42.0918, 0.3582, 0.2681



42.0918, 0.4188, 0.3126



42.0918, 0.4470, 0.3633

Triad

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



42.0918, 0.4188, 0.3126



42.0918, 0.3243, 0.4482



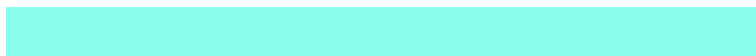
42.0918, 0.2014, 0.2353

Complementary

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



42.0918, 0.4188, 0.3126



83.2405, 0.2586, 0.3473

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.



42.0918, 0.1947, 0.2717



42.0918, 0.4188, 0.3126



42.0918, 0.2611, 0.4033

Square

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



42.0918, 0.4188, 0.3126



42.0918, 0.3877, 0.4474



42.0918, 0.2149, 0.3332



42.0918, 0.2337, 0.2248

Rectangle

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



42.0918, 0.4188, 0.3126



42.0918, 0.4425, 0.3969



42.0918, 0.2149, 0.3332



42.0918, 0.1963, 0.2444

Sweetspot

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



42.0925, 0.4188, 0.3126



77.4739, 0.3353, 0.3241



43.7936, 0.3030, 0.2126



15.9227, 0.3394, 0.3233



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.



42.0925, 0.4188, 0.3126



35.1887, 0.4551, 0.3100



55.6057, 0.4153, 0.3716



18.0279, 0.3273, 0.3257



11.1852, 0.6222, 0.3201



1.1009, 0.5963, 0.3059

Inverse Universe

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



42.0925, 0.4188, 0.3126



35.1887, 0.4551, 0.3100



61.0052, 0.2430, 0.2805



18.0279, 0.3273, 0.3257



11.1852, 0.6222, 0.3201



1.1009, 0.5963, 0.3059

Previews

White Background



This preview shows how the Yxy color 42.0918, 0.4188, 0.3126 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 42.0918, 0.4188, 0.3126 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 42.0918, 0.4188, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 42.0918, 0.4188, 0.3126.



This preview shows how white text looks on a background with the Yxy color 42.0918, 0.4188, 0.3126.

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

42.0918, 0.4188, 0.3126

Protanopia

42.2514, 0.3163, 0.3290

Deuteranopia

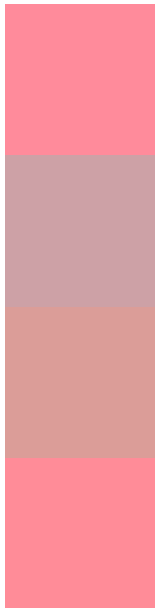
42.3494, 0.3583, 0.3524



Tritanopia

42.2182, 0.4239, 0.3189

Trichromacy



Original Color

42.0918, 0.4188, 0.3126

Protanomaly

41.2220, 0.3509, 0.3228

Deuteranomaly

41.4410, 0.3797, 0.3353

Tritanomaly

42.2832, 0.4217, 0.3168

Monochromacy



Original Color

42.0918, 0.4188, 0.3126

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0007, 0.3485, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0918, 0.4188, 0.3126 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, 139, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 155)  
}
```

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, 139, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 155) }
```

Border

The CSS property to change the border of an element to Yxy 42.0918, 0.4188, 0.3126 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, 139, 155) }
```

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

```
.border{ border-color:rgb(255, 139, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0918, 0.4188, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 155) }
```

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

```
.background{ background-color: rgb(255,  
139, 155) }
```

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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