

Converting Colors

$Y_{xy}(55.0222, 0.4320, 0.3269)$

Have a look what the booklet for
Yxy(55.0222, 0.4320, 0.3269)
contains.

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Color

Yxy(48.6295, 0.4041, 0.3272)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FA1
RGB	255, 159, 161
RGB Percent	100%, 62%, 63%
CMY	0.0002, 0.3763, 0.3687
CMYK	0.00, 0.38, 0.37, 0.00
HSL	359°, 100%, 81%
HSV	359°, 38%, 100%
XYZ	60.0586, 48.6295, 39.9350
YIQ	187.9320, 56.5740, 20.9740

Conversions

Conversions Part 2

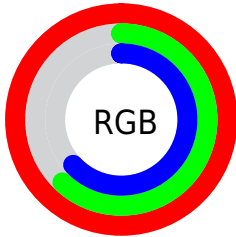
Format	Color
R_{YB}	255, 159, 161
Decimal	16752545
CIE _{Lab}	75.22, 35.87, 14.11
CIE _{LCh}	75, 38.544, 21.480
Yxy	48.6295, 0.4041, 0.3272
Android (android.graphics.Color)	4294942625 (0xFFFF9FA1)
YUV	187.9320, -13.2775, 58.8186
Hunter-Lab	69.7349, 31.6958, 14.8608

Details

The Yxy color **48.6295, 0.4041, 0.3272** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.9580, 0.2610, 0.3310**, and the grayscale version is **50.3035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8187, 0.3417, 0.3281**, and **23.1696, 0.4298, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **39.9521, 0.4428, 0.3268**, and if you desaturate by 10%, it is **59.2960, 0.3721, 0.3277**.

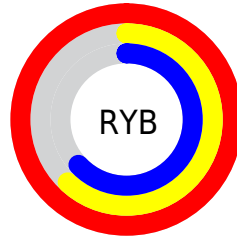
Distribution



Red (100%)

Green (62%)

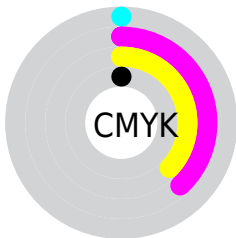
Blue (63%)



Red (100%)

Yellow (62%)

Blue (63%)

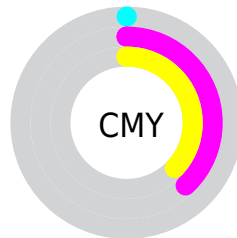


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6295, 0.4041, 0.3272 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 48.6295, 0.4041, 0.3272 by changing the saturation by 10% instead.


 48.6295, 0.4041,
0.3272


 48.6295, 0.4041,
0.3272


381.2819, 0.3583,
0.3295

 34.3257, 0.4155,
0.3262


 88.1409, 0.3875,
0.3283

 23.1439, 0.4300,
0.3248


 114.1173, 0.3812,
0.3287

 14.6998, 0.4493,
0.3225


144.7533, 0.3759,
0.3289

 8.6090, 0.4757,
0.3186

180.4334, 0.3714,
0.3291

 4.4870, 0.5140,
0.3115

221.5419, 0.3675,
0.3292

 1.9496, 0.5737,
0.2971

268.4632, 0.3640,

 0.5779, 0.7309,

0.3293

0.2691

321.5818, 0.3610,
0.3294

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6295, 0.4041,
0.3272

48.6295, 0.4041,
0.3272

39.9521, 0.4428,
0.3268

59.2960, 0.3721,
0.3277

33.1341, 0.4876,
0.3266

72.0565, 0.3462,
0.3282

28.0418, 0.5356,
0.3268

87.0171, 0.3256,
0.3286

24.5208, 0.5811,
0.3273

99.9917, 0.3127,
0.3290

■ 22.3890, 0.6164,
0.3282

■ 21.4077, 0.6359,
0.3292

■ 21.2631, 0.6386,
0.3292

Harmonies

Analogous

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



48.6295, 0.3619, 0.2885



48.6295, 0.4041, 0.3272



48.6295, 0.4189, 0.3690

Triad

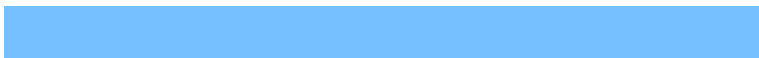
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.6295, 0.4041, 0.3272



48.6295, 0.3103, 0.4148



48.6295, 0.2276, 0.2502

Complementary

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



48.6295, 0.4041, 0.3272



85.9580, 0.2610, 0.3310

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.



48.6295, 0.2168, 0.2755



48.6295, 0.4041, 0.3272



48.6295, 0.2617, 0.3739

Square

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



48.6295, 0.4041, 0.3272



48.6295, 0.3620, 0.4251



48.6295, 0.2285, 0.3203



48.6295, 0.2594, 0.2455

Rectangle

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



48.6295, 0.4041, 0.3272



48.6295, 0.4111, 0.3945



48.6295, 0.2285, 0.3203



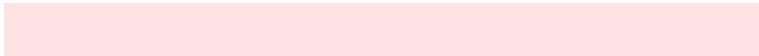
48.6295, 0.2215, 0.2563

Sweetspot

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



48.6319, 0.4041, 0.3272



81.7458, 0.3321, 0.3285



52.6749, 0.3145, 0.2349



17.0565, 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.



48.6319, 0.4041, 0.3272



42.0602, 0.4320, 0.3269



66.8452, 0.3879, 0.3756



17.9931, 0.3291, 0.3286



11.1174, 0.6380, 0.3288



1.0845, 0.6331, 0.3261

Inverse Universe

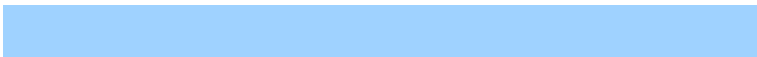
The Inverse Universe completely reimagines the original color for something new.



48.6319, 0.4041, 0.3272



42.0602, 0.4320, 0.3269



60.7792, 0.2525, 0.2768



17.9931, 0.3291, 0.3286



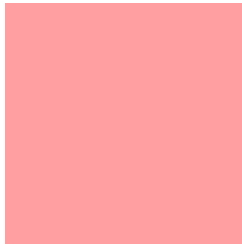
11.1174, 0.6380, 0.3288



1.0845, 0.6331, 0.3261

Previews

White Background



This preview shows how the Yxy color 48.6295, 0.4041, 0.3272 looks on a white background.

Color Contrast Check

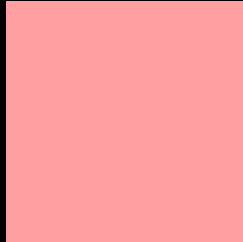
Large Text (above 18pt) WCAG AA × Fail

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 48.6295, 0.4041, 0.3272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

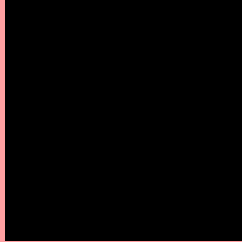
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6295, 0.4041, 0.3272

Background



This preview shows how black text looks on a background with the Yxy color 48.6295, 0.4041, 0.3272.



This preview shows how white text looks on a background with the Yxy color 48.6295, 0.4041, 0.3272.

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

48.6295, 0.4041, 0.3272

Protanopia

48.9995, 0.3266, 0.3418

Deuteranopia

48.9707, 0.3628, 0.3558



Tritanopia

48.6160, 0.3955, 0.3166

Trichromacy



Original Color

48.6295, 0.4041, 0.3272



Protanomaly

48.4000, 0.3531, 0.3363



Deuteranomaly

48.6317, 0.3781, 0.3454



Tritanomaly

48.5037, 0.3985, 0.3198

Monochromacy



Original Color

48.6295, 0.4041, 0.3272



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.6557, 0.3431, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6295, 0.4041, 0.3272 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, 159, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 161)  
}
```

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, 159, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.6295, 0.4041, 0.3272 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, 159, 161) }
```

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

```
.border{ border-color:rgb(255, 159, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6295, 0.4041, 0.3272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 161) }
```

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

```
.background{ background-color: rgb(255,  
159, 161) }
```

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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