

Converting Colors

$Y_{xy}(45.5856, 0.4180, 0.3293)$

Have a look what the booklet for
Yxy(45.5856, 0.4180, 0.3293)
contains.

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Color

Yxy(45.6276, 0.4178, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	FF9797
RGB	255, 151, 151
RGB Percent	100%, 59%, 59%
CMY	0.0001, 0.4078, 0.4078
CMYK	0.00, 0.41, 0.41, 0.00
HSL	360°, 100%, 80%
HSV	360°, 41%, 100%
XYZ	57.8901, 45.6276, 35.0417
YIQ	182.0960, 61.9840, 22.0480

Conversions

Conversions Part 2

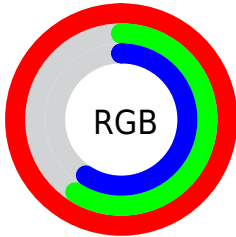
Format	Color
R _Y B	255, 151, 151
Decimal	16750487
CIE Lab	73.30, 38.90, 16.91
CIE LCh	73, 42.420, 23.497
Yxy	45.6276, 0.4178, 0.3293
Android (android.graphics.Color)	4294940567 (0xFFFF9797)
YUV	182.0960, -15.3303, 63.9368
Hunter-Lab	67.5482, 34.7686, 16.5261

Details

The Yxy color **45.6276, 0.4178, 0.3293** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3108, 0.2566, 0.3288**, and the grayscale version is **46.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.8104, 0.3515, 0.3301**, and **21.2576, 0.4485, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **37.5493, 0.4594, 0.3294**, and if you desaturate by 10%, it is **55.6643, 0.3829, 0.3292**.

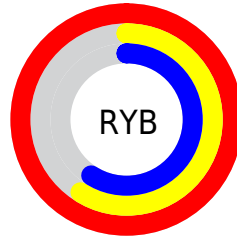
Distribution



Red (100%)

Green (59%)

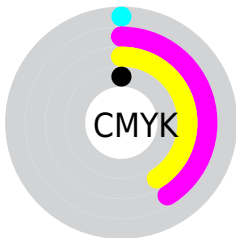
Blue (59%)



Red (100%)

Yellow (59%)

Blue (59%)

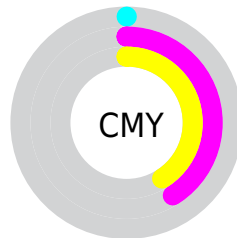


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6276, 0.4178, 0.3293 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 45.6276, 0.4178, 0.3293 by changing the saturation by 10% instead.


 45.6276, 0.4178,
0.3293


 45.6276, 0.4178,
0.3293


369.3094, 0.3646,
0.3310

 31.9521, 0.4312,
0.3283


 83.6614, 0.3984,
0.3304

 21.3249, 0.4483,
0.3267

 108.7884, 0.3911,
0.3306

 13.3617, 0.4710,
0.3240


138.5014, 0.3849,
0.3308

 7.6781, 0.5023,
0.3191

173.1848, 0.3797,
0.3309

 3.8897, 0.5476,
0.3099

213.2228, 0.3751,
0.3310

 1.6120, 0.6278,
0.2951

259.0000, 0.3712,

 0.3657, 0.7910,

0.3310

0.2090

310.9008, 0.3677,
0.3310

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.6276, 0.4178,
0.3293

45.6276, 0.4178,
0.3293

37.5493, 0.4594,
0.3294

55.6643, 0.3829,
0.3292

31.2954, 0.5065,
0.3296

67.7683, 0.3546,
0.3291

26.7259, 0.5548,
0.3297

82.0488, 0.3320,
0.3291

23.6776, 0.5975,
0.3298

98.6053, 0.3140,
0.3290

■ 21.9551, 0.6268,
0.3299

99.9975, 0.3127,
0.3290

■ 21.2575, 0.6401,
0.3300

Harmonies

Analogous

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



45.6276, 0.3717, 0.2864



45.6276, 0.4178, 0.3293



45.6276, 0.4317, 0.3754

Triad

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



45.6276, 0.4178, 0.3293



45.6276, 0.3054, 0.4244



45.6276, 0.2197, 0.2401

Complementary

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



45.6276, 0.4178, 0.3293



85.3108, 0.2566, 0.3288

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.



45.6276, 0.2063, 0.2660



45.6276, 0.4178, 0.3293



45.6276, 0.2522, 0.3758

Square

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



45.6276, 0.4178, 0.3293



45.6276, 0.3635, 0.4376



45.6276, 0.2172, 0.3146



45.6276, 0.2561, 0.2369

Rectangle

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



45.6276, 0.4178, 0.3293



45.6276, 0.4210, 0.4038



45.6276, 0.2172, 0.3146



45.6276, 0.2126, 0.2461

Sweetspot

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



45.6299, 0.4178, 0.3293



80.1902, 0.3345, 0.3291



50.2869, 0.3160, 0.2279



16.7452, 0.3372, 0.3291



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.



45.6299, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



65.3901, 0.3952, 0.3813



17.9871, 0.3295, 0.3290



11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Inverse Universe

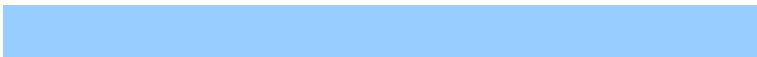
The Inverse Universe completely reimagines the original color for something new.



45.6299, 0.4178, 0.3293



38.8518, 0.4516, 0.3294



57.3346, 0.2471, 0.2694



17.9871, 0.3295, 0.3290



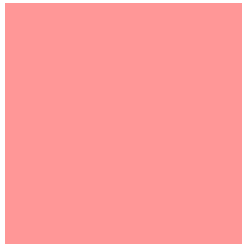
11.1088, 0.6401, 0.3300



1.0816, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 45.6276, 0.4178, 0.3293 looks on a white background.

Color Contrast Check

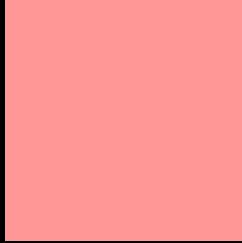
Large Text (above 18pt) WCAG AA × Fail

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 45.6276, 0.4178, 0.3293 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 45.6276, 0.4178, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 45.6276, 0.4178, 0.3293.



This preview shows how white text looks on a background with the Yxy color 45.6276, 0.4178, 0.3293.

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

45.6276, 0.4178, 0.3293

Protanopia

45.9605, 0.3303, 0.3474

Deuteranopia

45.5490, 0.3691, 0.3615



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.6276, 0.4178, 0.3293

Protanomaly

44.9462, 0.3603, 0.3390

Deuteranomaly

45.2171, 0.3874, 0.3492

Tritanomaly

45.5070, 0.4120, 0.3219

Monochromacy



Original Color

45.6276, 0.4178, 0.3293

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.6214, 0.3478, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6276, 0.4178, 0.3293 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, 151, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 151)  
}
```

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, 151, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 151) }
```

Border

The CSS property to change the border of an element to Yxy 45.6276, 0.4178, 0.3293 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, 151, 151) }
```

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

```
.border{ border-color:rgb(255, 151, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6276, 0.4178, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 151) }
```

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

```
.background{ background-color: rgb(255,  
151, 151) }
```

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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