

Converting Colors

$Yxy(56.3997, 0.3809, 0.3292)$

Have a look what the booklet for
Yxy(56.3997, 0.3809, 0.3292)
contains.

Yxy(56.3151, 0.3811, 0.3292)	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(56.3151, 0.3811, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2B2
RGB	255, 178, 178
RGB Percent	100%, 70%, 70%
CMY	0.0000, 0.3019, 0.3019
CMYK	0.00, 0.30, 0.30, 0.00
HSL	0°, 100%, 85%
HSV	0°, 30%, 100%
XYZ	65.1935, 56.3151, 49.5580
YIQ	201.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

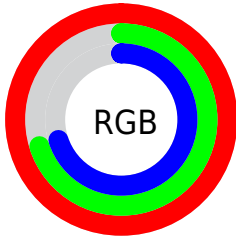
Format	Color
R _Y B	255, 178, 178
Decimal	16757426
CIE Lab	79.79, 28.05, 11.32
CIE LCh	80, 30.249, 21.968
Yxy	56.3151, 0.3811, 0.3292
Android (android.graphics.Color)	4294947506 (0xFFFFB2B2)
YUV	201.0230, -11.3503, 47.3378
Hunter-Lab	75.0434, 23.7448, 13.3758

Details

The Yxy color **56.3151, 0.3811, 0.3292** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88.1964, 0.2691, 0.3289**, and the grayscale version is **58.4758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0462, 0.3270, 0.3290**, and **28.0182, 0.4003, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **46.1649, 0.4156, 0.3293**, and if you desaturate by 10%, it is **68.5468, 0.3532, 0.3291**.

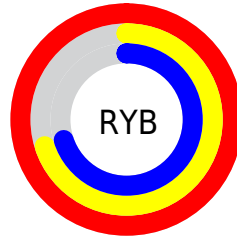
Distribution



Red (100%)

Green (70%)

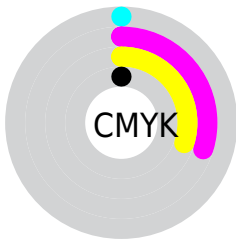
Blue (70%)



Red (100%)

Yellow (70%)

Blue (70%)

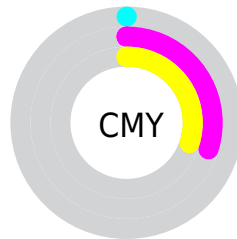


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3151, 0.3811, 0.3292 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 56.3151, 0.3811, 0.3292 by changing the saturation by 10% instead.


 56.3151, 0.3811,
0.3292

 56.3151, 0.3811,
0.3292

410.8779, 0.3477,
0.3299

 40.4556, 0.3892,
0.3288

 99.4651, 0.3691,
0.3296

 27.8940, 0.3994,
0.3282


127.5245, 0.3646,
0.3297

 18.2457, 0.4128,
0.3273

160.4192, 0.3607,
0.3298

 11.1266, 0.4309,
0.3256

198.5338, 0.3574,
0.3298

 6.1520, 0.4567,
0.3225

242.2525, 0.3545,
0.3299

 2.9377, 0.4962,
0.3163

291.9599, 0.3519,

 1.0993, 0.5796,

0.3299

0.3105

348.0402, 0.3497,
0.3299

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.3151, 0.3811,
0.3292

56.3151, 0.3811,
0.3292

46.1649, 0.4156,
0.3293

68.5468, 0.3532,
0.3291

37.9729, 0.4568,
0.3294

82.9583, 0.3308,
0.3291

31.6153, 0.5036,
0.3296

99.6513, 0.3130,
0.3290

26.9511, 0.5521,
0.3297

99.9976, 0.3127,
0.3290

■ 23.8183, 0.5953,
0.3298

■ 22.0241, 0.6256,
0.3299

■ 21.2577, 0.6401,
0.3300

Harmonies

Analogous

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



56.3151, 0.3503, 0.2988



56.3151, 0.3811, 0.3292



56.3151, 0.3921, 0.3614

Triad

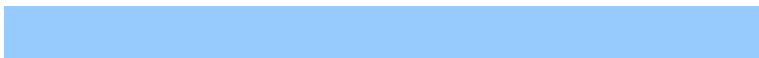
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3151, 0.3811, 0.3292



56.3151, 0.3112, 0.3913



56.3151, 0.2480, 0.2691

Complementary

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



56.3151, 0.3811, 0.3292



88.1964, 0.2691, 0.3289

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.



56.3151, 0.2392, 0.2891



56.3151, 0.3811, 0.3292



56.3151, 0.2742, 0.3616

Square

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



56.3151, 0.3811, 0.3292



56.3151, 0.3501, 0.4004



56.3151, 0.2484, 0.3228



56.3151, 0.2731, 0.2650

Rectangle

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



56.3151, 0.3811, 0.3292



56.3151, 0.3866, 0.3802



56.3151, 0.2484, 0.3228



56.3151, 0.2431, 0.2740

Sweetspot

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



56.3178, 0.3811, 0.3292



84.8307, 0.3285, 0.3290



60.3216, 0.3163, 0.2537



17.6701, 0.3313, 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.



56.3178, 0.3811, 0.3292



50.1776, 0.4003, 0.3293



73.8401, 0.3693, 0.3687



17.9872, 0.3295, 0.3291



11.1089, 0.6401, 0.3300



1.0817, 0.6401, 0.3300

Inverse Universe

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



88.1964, 0.2691, 0.3289



86.5465, 0.2620, 0.3288



66.0531, 0.2642, 0.2856



20.4814, 0.2980, 0.3290



41.1418, 0.2247, 0.3287



4.0058, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 56.3151, 0.3811, 0.3292 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 56.3151, 0.3811, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

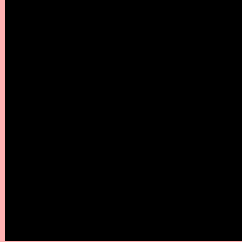
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3151, 0.3811, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 56.3151, 0.3811, 0.3292.



This preview shows how white text looks on a background with the Yxy color 56.3151, 0.3811, 0.3292.

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

56.3151, 0.3811, 0.3292

Protanopia

56.4007, 0.3250, 0.3398

Deuteranopia

56.5649, 0.3541, 0.3463



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.3151, 0.3811, 0.3292

Protanomaly

55.9756, 0.3451, 0.3360

Deuteranomaly

56.2967, 0.3640, 0.3392

Tritanomaly

56.2495, 0.3742, 0.3198

Monochromacy



Original Color

56.3151, 0.3811, 0.3292

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.3623, 0.3357, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3151, 0.3811, 0.3292 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, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 178)  
}
```

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, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.3151, 0.3811, 0.3292 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, 178, 178) }
```

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

```
.border{ border-color:rgb(255, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3151, 0.3811, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 178) }
```

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

```
.background{ background-color: rgb(255,  
178, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor