

Converting Colors

$Y_{xy}(52.9412, 0.3886, 0.3261)$

Have a look what the booklet for
Yxy(52.9412, 0.3886, 0.3261)
contains.

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Color

Yxy(53.0266, 0.3884, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAAD
RGB	255, 170, 173
RGB Percent	100%, 67%, 68%
CMY	0.0000, 0.3333, 0.3217
CMYK	0.00, 0.33, 0.32, 0.00
HSL	358°, 100%, 83%
HSV	358°, 33%, 100%
XYZ	63.1571, 53.0266, 46.4247
YIQ	195.7570, 49.6970, 18.9530

Conversions

Conversions Part 2

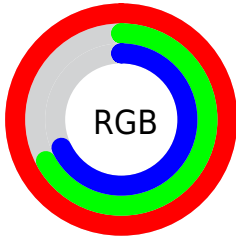
Format	Color
R _Y B	255, 170, 173
Decimal	16755373
CIE Lab	77.89, 31.61, 11.35
CIE LCh	78, 33.587, 19.750
Yxy	53.0266, 0.3884, 0.3261
Android (android.graphics.Color)	4294945453 (0xFFFFAAAD)
YUV	195.7570, -11.2192, 51.9561
Hunter-Lab	72.8194, 27.3813, 13.1743

Details

The Yxy color **53.0266, 0.3884, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.0974, 0.2666, 0.3321**, and the grayscale version is **55.0940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2541, 0.3318, 0.3271**, and **25.8388, 0.4084, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **43.5096, 0.4237, 0.3253**, and if you desaturate by 10%, it is **64.5753, 0.3596, 0.3270**.

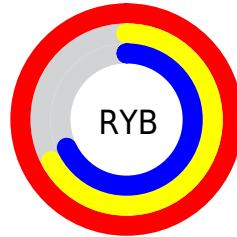
Distribution



Red (100%)

Green (67%)

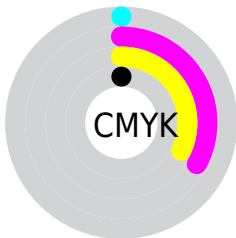
Blue (68%)



Red (100%)

Yellow (67%)

Blue (68%)

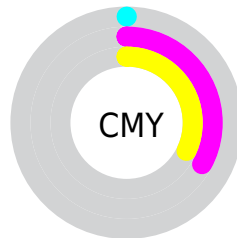


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0266, 0.3884, 0.3261 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 53.0266, 0.3884, 0.3261 by changing the saturation by 10% instead.

 53.0266, 0.3884,
0.3261

 53.0266, 0.3884,
0.3261


398.3872, 0.3510,
0.3284

 37.8240, 0.3975,
0.3253


 94.6435, 0.3749,
0.3271

 25.8461, 0.4092,
0.3241


121.8266, 0.3699,
0.3275

 16.7086, 0.4244,
0.3223


153.7720, 0.3655,
0.3277

 10.0269, 0.4452,
0.3195

190.8641, 0.3618,
0.3279

 5.4168, 0.4752,
0.3145

233.4872, 0.3586,
0.3281

 2.4938, 0.5215,
0.3049

282.0259, 0.3558,

 0.8735, 0.6426,

0.3282

0.3028

336.8644, 0.3532,
0.3283

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0266, 0.3884,
0.3261

53.0266, 0.3884,
0.3261

43.5096, 0.4237,
0.3253

64.5753, 0.3596,
0.3270

35.9039, 0.4654,
0.3247

78.2603, 0.3365,
0.3279

30.0813, 0.5120,
0.3246

94.1831, 0.3180,
0.3287

25.8965, 0.5593,
0.3250

100.0000, 0.3127,
0.3290

■ 23.1816, 0.6002,
0.3262

■ 21.7326, 0.6278,
0.3278

■ 21.2795, 0.6376,
0.3286

Harmonies

Analogous

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



53.0266, 0.3520, 0.2927



53.0266, 0.3884, 0.3261



53.0266, 0.4027, 0.3622

Triad

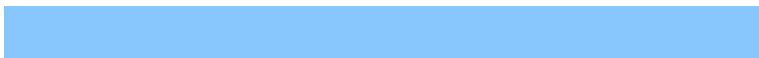
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0266, 0.3884, 0.3261



53.0266, 0.3139, 0.4019



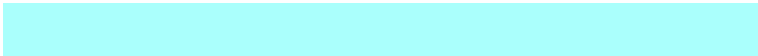
53.0266, 0.2386, 0.2625

Complementary

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



53.0266, 0.3884, 0.3261



87.0974, 0.2666, 0.3321

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.



53.0266, 0.2303, 0.2859



53.0266, 0.3884, 0.3261



53.0266, 0.2718, 0.3692

Square

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



53.0266, 0.3884, 0.3261



53.0266, 0.3577, 0.4098



53.0266, 0.2419, 0.3248



53.0266, 0.2653, 0.2569

Rectangle

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



53.0266, 0.3884, 0.3261



53.0266, 0.3975, 0.3841



53.0266, 0.2419, 0.3248



53.0266, 0.2336, 0.2683

Sweetspot

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



53.0276, 0.3884, 0.3261



83.3108, 0.3298, 0.3282



56.4346, 0.3132, 0.2451



17.3693, 0.3326, 0.3281



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.



53.0276, 0.3884, 0.3261



46.4616, 0.4112, 0.3256



69.3979, 0.3779, 0.3688



17.9973, 0.3289, 0.3282



11.1234, 0.6366, 0.3280



1.0865, 0.6282, 0.3235

Inverse Universe

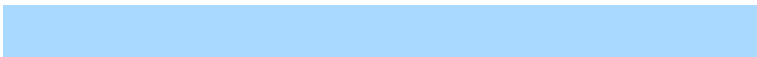
The Inverse Universe completely reimagines the original color for something new.



53.0276, 0.3884, 0.3261



46.4616, 0.4112, 0.3256



65.2651, 0.2596, 0.2854



17.9973, 0.3289, 0.3282



11.1234, 0.6366, 0.3280



1.0865, 0.6282, 0.3235

Previews

White Background



This preview shows how the Yxy color 53.0266, 0.3884, 0.3261 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 53.0266, 0.3884, 0.3261 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 53.0266, 0.3884, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 53.0266, 0.3884, 0.3261.



This preview shows how white text looks on a background with the Yxy color 53.0266, 0.3884, 0.3261.

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

53.0266, 0.3884, 0.3261

Protanopia

53.2078, 0.3230, 0.3376

Deuteranopia

53.2357, 0.3551, 0.3479



Tritanopia

53.0133, 0.3802, 0.3155

Trichromacy



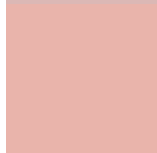
Original Color

53.0266, 0.3884, 0.3261



Protanomaly

52.6772, 0.3454, 0.3326



Deuteranomaly

52.9064, 0.3674, 0.3394



Tritanomaly

52.8906, 0.3830, 0.3187

Monochromacy



Original Color

53.0266, 0.3884, 0.3261



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.9232, 0.3373, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0266, 0.3884, 0.3261 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, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 173)  
}
```

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, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 173) }
```

Border

The CSS property to change the border of an element to Yxy 53.0266, 0.3884, 0.3261 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, 170, 173) }
```

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

```
.border{ border-color:rgb(255, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0266, 0.3884, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 173) }
```

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

```
.background{ background-color: rgb(255,  
170, 173) }
```

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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