

Converting Colors

Yxy(53.5029, 0.4391, 0.3933)

Have a look what the booklet for
Yxy(53.5029, 0.4391, 0.3933)
contains.

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Color

Yxy(53.5029, 0.4391, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	FFB071
RGB	255, 176, 113
RGB Percent	100%, 69%, 44%
CMY	0.0002, 0.3097, 0.5569
CMYK	0.00, 0.31, 0.56, 0.00
HSL	27°, 100%, 72%
HSV	27°, 56%, 100%
XYZ	59.7333, 53.5029, 22.7996
YIQ	192.4390, 67.3070, -2.8450

Conversions

Conversions Part 2

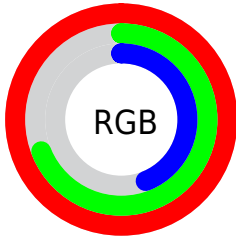
Format	Color
RYB	255, 226, 113
Decimal	16756849
CIELab	78.17, 22.37, 43.60
CIELCh	78, 49.004, 62.836
Yxy	53.5029, 0.4391, 0.3933
Android (android.graphics.Color)	4294946929 (0xFFFFB071)
YUV	192.4390, -39.1634, 54.8660
Hunter-Lab	73.1457, 17.7645, 32.7212

Details

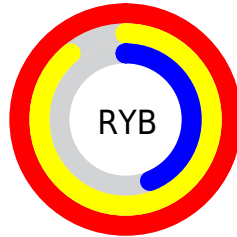
The Yxy color **53.5029, 0.4391, 0.3933** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.3919, 0.2255, 0.2499**, and the grayscale version is **53.1874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7264, 0.3728, 0.3958**, and **26.1269, 0.4708, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **47.7370, 0.4694, 0.4012**, and if you desaturate by 10%, it is **60.0158, 0.4102, 0.3829**.

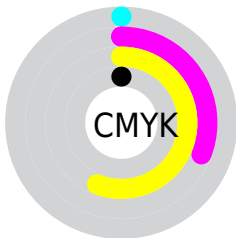
Distribution



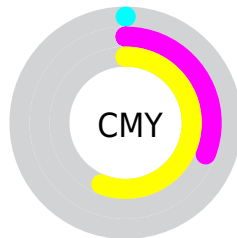
- Red (100%)
- Green (69%)
- Blue (44%)



- Red (100%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (31%)
- Yellow (56%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5029, 0.4391, 0.3933 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 53.5029, 0.4391, 0.3933 by changing the saturation by 10% instead.


 53.5029, 0.4391,
0.3933

 53.5029, 0.4391,
0.3933


400.2116, 0.3781,
0.3660


 38.2044, 0.4531,
0.3984


 95.3440, 0.4178,
0.3846


 26.1414, 0.4702,
0.4039

 122.6553, 0.4095,
0.3810

 16.9294, 0.4914,
0.4094


 154.7397, 0.4024,
0.3778

 10.1842, 0.5177,
0.4140

 191.9816, 0.3962,
0.3749

 5.5212, 0.5551,
0.4185

234.7653, 0.3908,
0.3723

 2.5562, 0.5923,
0.4077

283.4753, 0.3861,

 0.9047, 0.6301,

0.3700

0.3699

338.4959, 0.3819,
0.3679

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5029, 0.4391,
0.3933

53.5029, 0.4391,
0.3933

47.7370, 0.4694,
0.4012

60.0158, 0.4102,
0.3829

42.6786, 0.4997,
0.4052

67.2971, 0.3838,
0.3711

38.2955, 0.5277,
0.4041

75.3767, 0.3603,
0.3589

34.5479, 0.5513,
0.3974

84.2805, 0.3397,
0.3468

■ 33.1078, 0.5602,
0.3934

■ 94.0329, 0.3218,
0.3353

99.9914, 0.3127,
0.3290

Harmonies

Analogous

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



53.5029, 0.4369, 0.3440



53.5029, 0.4391, 0.3933



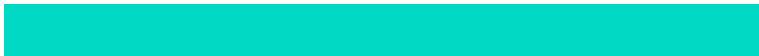
53.5029, 0.4051, 0.4339

Triad

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



53.5029, 0.4391, 0.3933



53.5029, 0.2321, 0.3591



53.5029, 0.2677, 0.2328

Complementary

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



53.5029, 0.4391, 0.3933



48.3919, 0.2255, 0.2499

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.



53.5029, 0.2215, 0.2289



53.5029, 0.4391, 0.3933



53.5029, 0.2025, 0.2937

Square

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



53.5029, 0.4391, 0.3933



53.5029, 0.2847, 0.4213



53.5029, 0.1992, 0.2485



53.5029, 0.3314, 0.2568

Rectangle

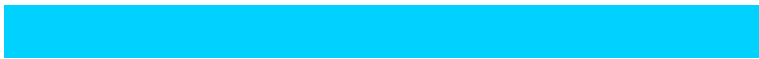
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.5029, 0.4391, 0.3933



53.5029, 0.3686, 0.4479



53.5029, 0.1992, 0.2485



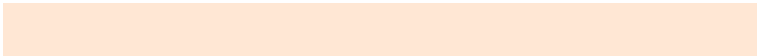
53.5029, 0.2499, 0.2291

Sweetspot

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



53.5056, 0.4391, 0.3933



83.0909, 0.3422, 0.3484



36.9304, 0.3823, 0.2486



17.3922, 0.3462, 0.3508



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.



53.5056, 0.4391, 0.3933



47.0483, 0.4735, 0.4020



88.0455, 0.3977, 0.4548



19.3147, 0.3283, 0.3396



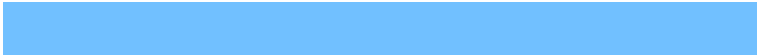
17.5933, 0.5574, 0.3956



1.9268, 0.5379, 0.4111

Inverse Universe

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



48.3919, 0.2255, 0.2499



41.4072, 0.2105, 0.2302



24.7596, 0.2065, 0.1605



19.0528, 0.2979, 0.3182



14.1488, 0.1824, 0.1765



1.5956, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 53.5029, 0.4391, 0.3933 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 53.5029, 0.4391, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

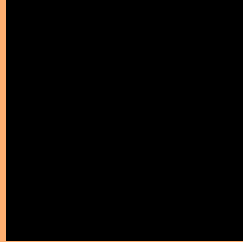
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5029, 0.4391, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 53.5029, 0.4391, 0.3933.



This preview shows how white text looks on a background with the Yxy color 53.5029, 0.4391, 0.3933.

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

53.5029, 0.4391, 0.3933

Protanopia

53.7885, 0.3845, 0.4174

Deuteranopia

53.6785, 0.4184, 0.4098



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.5029, 0.4391, 0.3933

Protanomaly

53.1559, 0.4047, 0.4085

Deuteranomaly

53.6804, 0.4257, 0.4036

Tritanomaly

53.1994, 0.4027, 0.3451

Monochromacy



Original Color

53.5029, 0.4391, 0.3933

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2092, 0.3566, 0.3567

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5029, 0.4391, 0.3933 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, 176, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 113)  
}
```

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, 176, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 113) }
```

Border

The CSS property to change the border of an element to Yxy 53.5029, 0.4391, 0.3933 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, 176, 113) }
```

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

```
.border{ border-color:rgb(255, 176, 113) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5029, 0.4391, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 113) }
```

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

```
.background{ background-color: rgb(255,  
176, 113) }
```

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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