

Converting Colors

$Yxy(77.5358, 0.5141, 0.3724)$

Have a look what the booklet for
Yxy(77.5358, 0.5141, 0.3724)
contains.

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Color

Yxy(53.0027, 0.4438, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF6C
RGB	255, 175, 108
RGB Percent	100%, 69%, 42%
CMY	0.0000, 0.3137, 0.5765
CMYK	0.00, 0.31, 0.58, 0.00
HSL	27°, 100%, 71%
HSV	27°, 58%, 100%
XYZ	59.2807, 53.0027, 21.2919
YIQ	191.2820, 69.1870, -3.8770

Conversions

Conversions Part 2

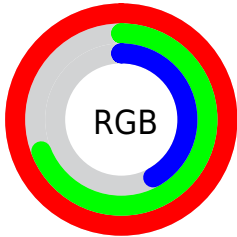
Format	Color
R_{YB}	255, 231, 108
Decimal	16756588
CIE _{Lab}	77.88, 22.56, 45.77
CIE _{LCh}	78, 51.026, 63.765
Yxy	53.0027, 0.4438, 0.3968
Android (android.graphics.Color)	4294946668 (0xFFFFAF6C)
YUV	191.2820, -41.0580, 55.8807
Hunter-Lab	72.8030, 17.9408, 33.6221

Details

The Yxy color **53.0027, 0.4438, 0.3968** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.3729, 0.2223, 0.2442**, and the grayscale version is **52.4843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9850, 0.3764, 0.3998**, and **25.8267, 0.4764, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **47.4094, 0.4737, 0.4043**, and if you desaturate by 10%, it is **59.3095, 0.4150, 0.3865**.

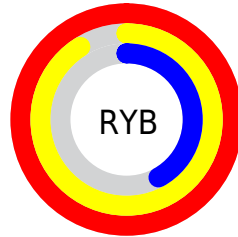
Distribution



Red (100%)

Green (69%)

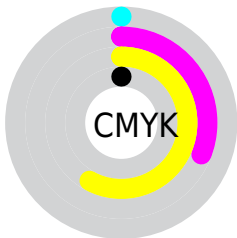
Blue (42%)



Red (100%)

Yellow (91%)

Blue (42%)

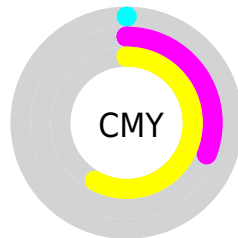


Cyan (0%)

Magenta (31%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0027, 0.4438, 0.3968 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 53.0027, 0.4438, 0.3968 by changing the saturation by 10% instead.


 53.0027, 0.4438,
0.3968

 53.0027, 0.4438,
0.3968


398.2955, 0.3807,
0.3682

 37.8049, 0.4582,
0.4020


 94.6083, 0.4218,
0.3878


 25.8313, 0.4757,
0.4076


 121.7850, 0.4132,
0.3840

 16.6975, 0.4972,
0.4130


 153.7234, 0.4059,
0.3806

 10.0190, 0.5236,
0.4171

 190.8080, 0.3995,
0.3776

 5.4116, 0.5642,
0.4233

233.4230, 0.3939,
0.3749

 2.4907, 0.5939,
0.4061

281.9531, 0.3890,

 0.8720, 0.6327,

0.3724

0.3673

336.7824, 0.3846,
0.3702

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0027, 0.4438,
0.3968

53.0027, 0.4438,
0.3968

47.4094, 0.4737,
0.4043

59.3095, 0.4150,
0.3865

42.4992, 0.5031,
0.4076

66.3590, 0.3884,
0.3746

38.2376, 0.5298,
0.4057

74.1775, 0.3645,
0.3621

34.5839, 0.5520,
0.3983

82.7902, 0.3434,
0.3497

33.8033, 0.5568,
0.3961

92.2208, 0.3251,
0.3377

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



53.0027, 0.4431, 0.3457



53.0027, 0.4438, 0.3968



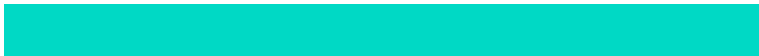
53.0027, 0.4070, 0.4390

Triad

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



53.0027, 0.4438, 0.3968



53.0027, 0.2273, 0.3581



53.0027, 0.2675, 0.2297

Complementary

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



53.0027, 0.4438, 0.3968



46.3729, 0.2223, 0.2442

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.



53.0027, 0.2190, 0.2248



53.0027, 0.4438, 0.3968



53.0027, 0.1977, 0.2899

Square

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



53.0027, 0.4438, 0.3968



53.0027, 0.2813, 0.4242



53.0027, 0.1952, 0.2440



53.0027, 0.3343, 0.2550

Rectangle

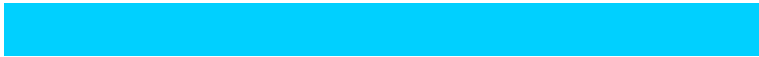
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.0027, 0.4438, 0.3968



53.0027, 0.3686, 0.4535



53.0027, 0.1952, 0.2440



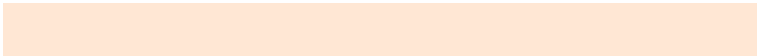
53.0027, 0.2488, 0.2256

Sweetspot

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



53.0025, 0.4438, 0.3968



83.3767, 0.3422, 0.3489



35.6519, 0.3889, 0.2486



17.4595, 0.3461, 0.3513



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.



53.0025, 0.4438, 0.3968



46.7066, 0.4778, 0.4050



89.2623, 0.3990, 0.4601



19.3509, 0.3283, 0.3399



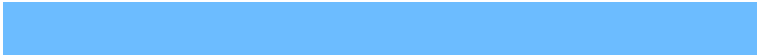
17.9529, 0.5540, 0.3983



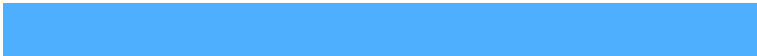
1.9631, 0.5348, 0.4135

Inverse Universe

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



46.3729, 0.2223, 0.2442



39.4677, 0.2074, 0.2238



22.7486, 0.2020, 0.1511



19.0160, 0.2979, 0.3179



13.6892, 0.1812, 0.1724



1.5514, 0.1866, 0.1917

Previews

White Background



This preview shows how the Yxy color 53.0027, 0.4438, 0.3968 looks on a white background.

Color Contrast Check

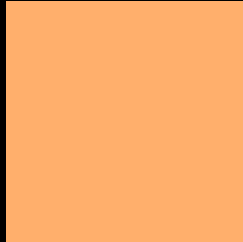
Large Text (above 18pt) WCAG AA × Fail

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 53.0027, 0.4438, 0.3968 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 53.0027, 0.4438, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 53.0027, 0.4438, 0.3968.



This preview shows how white text looks on a background with the Yxy color 53.0027, 0.4438, 0.3968.

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

53.0027, 0.4438, 0.3968

Protanopia

53.2037, 0.3893, 0.4230

Deuteranopia

53.1545, 0.4228, 0.4136



Tritanopia

52.9312, 0.3821, 0.3176

Trichromacy



Original Color

53.0027, 0.4438, 0.3968

Protanomaly

52.6186, 0.4091, 0.4126

Deuteranomaly

53.1640, 0.4301, 0.4073

Tritanomaly

52.7189, 0.4059, 0.3472

Monochromacy



Original Color

53.0027, 0.4438, 0.3968

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.5673, 0.3576, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0027, 0.4438, 0.3968 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, 175, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 108)  
}
```

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, 175, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 108) }
```

Border

The CSS property to change the border of an element to Yxy 53.0027, 0.4438, 0.3968 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, 175, 108) }
```

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

```
.border{ border-color:rgb(255, 175, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 108);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0027, 0.4438, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 108) }
```

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

```
.background{ background-color: rgb(255,  
175, 108) }
```

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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