

Converting Colors

Yxy(53.6367, 0.4433, 0.3992)

Have a look what the booklet for
Yxy(53.6367, 0.4433, 0.3992)
contains.

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Color

Yxy(53.7658, 0.4432, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	FFB16B
RGB	255, 177, 107
RGB Percent	100%, 69%, 42%
CMY	0.0000, 0.3059, 0.5806
CMYK	0.00, 0.31, 0.58, 0.00
HSL	28°, 100%, 71%
HSV	28°, 58%, 100%
XYZ	59.6172, 53.7658, 21.1324
YIQ	192.3420, 68.9580, -5.2340

Conversions

Conversions Part 2

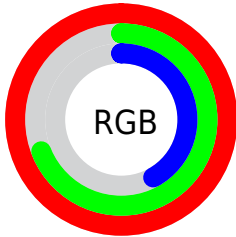
Format	Color
R_{YB}	255, 240, 107
Decimal	16757099
CIE _{Lab}	78.32, 21.43, 46.83
CIE _{LCh}	78, 51.504, 65.411
Yxy	53.7658, 0.4432, 0.3997
Android (android.graphics.Color)	4294947179 (0xFFFFB16B)
YUV	192.3420, -42.0736, 54.9511
Hunter-Lab	73.3252, 16.8109, 34.2402

Details

The Yxy color **53.7658, 0.4432, 0.3997** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.0202, 0.2210, 0.2400**, and the grayscale version is **53.1406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0759, 0.3764, 0.4026**, and **26.3128, 0.4750, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **48.2579, 0.4723, 0.4074**, and if you desaturate by 10%, it is **59.9554, 0.4150, 0.3891**.

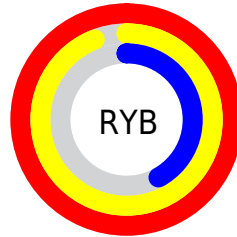
Distribution



Red (100%)

Green (69%)

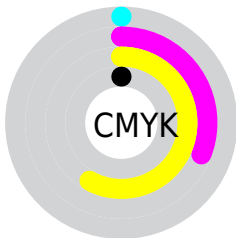
Blue (42%)



Red (100%)

Yellow (94%)

Blue (42%)

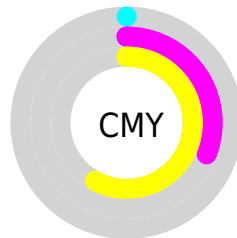


Cyan (0%)

Magenta (31%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7658, 0.4432, 0.3997 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 53.7658, 0.4432, 0.3997 by changing the saturation by 10% instead.


 53.7658, 0.4432,
0.3997


 53.7658, 0.4432,
0.3997


401.2163, 0.3807,
0.3698


 38.4145, 0.4574,
0.4052


 95.7303, 0.4214,
0.3902

 26.3045, 0.4745,
0.4111


 123.1122, 0.4130,
0.3863

 17.0516, 0.4955,
0.4170


 155.2731, 0.4057,
0.3827

 10.2713, 0.5211,
0.4216

 192.5974, 0.3993,
0.3796

 5.5792, 0.5605,
0.4287

235.4695, 0.3938,
0.3767

 2.5909, 0.5878,
0.4122

284.2737, 0.3889,

 0.9221, 0.6241,

0.3742

0.3759

339.3945, 0.3846,
0.3719

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7658, 0.4432,
0.3997

53.7658, 0.4432,
0.3997

48.2579, 0.4723,
0.4074

59.9554, 0.4150,
0.3891

43.4009, 0.5007,
0.4110

66.8522, 0.3887,
0.3768

39.1624, 0.5264,
0.4092

74.4819, 0.3651,
0.3639

35.5029, 0.5477,
0.4019

82.8683, 0.3441,
0.3510

■ 34.8513, 0.5516,
0.4002

■ 92.0338, 0.3257,
0.3385

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.



53.7658, 0.4449, 0.3486



53.7658, 0.4432, 0.3997



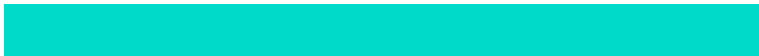
53.7658, 0.4045, 0.4412

Triad

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



53.7658, 0.4432, 0.3997



53.7658, 0.2246, 0.3542



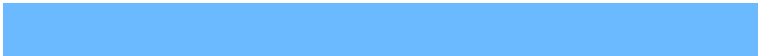
53.7658, 0.2706, 0.2302

Complementary

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



53.7658, 0.4432, 0.3997



45.0202, 0.2210, 0.2400

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.



53.7658, 0.2207, 0.2241



53.7658, 0.4432, 0.3997



53.7658, 0.1964, 0.2865

Square

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



53.7658, 0.4432, 0.3997



53.7658, 0.2777, 0.4218



53.7658, 0.1954, 0.2419



53.7658, 0.3383, 0.2566

Rectangle

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



53.7658, 0.4432, 0.3997



53.7658, 0.3653, 0.4545



53.7658, 0.1954, 0.2419



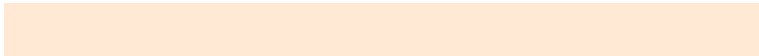
53.7658, 0.2515, 0.2257

Sweetspot

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



53.7663, 0.4432, 0.3997



83.8000, 0.3420, 0.3496



35.3073, 0.3926, 0.2505



17.5593, 0.3460, 0.3522



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.



53.7663, 0.4432, 0.3997



47.2643, 0.4780, 0.4085



90.7323, 0.3982, 0.4626



19.4046, 0.3282, 0.3403



18.5044, 0.5489, 0.4023



2.0185, 0.5303, 0.4171

Inverse Universe

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



45.0202, 0.2210, 0.2400



37.7297, 0.2051, 0.2177



21.9068, 0.2005, 0.1470



18.9619, 0.2979, 0.3175



13.0330, 0.1796, 0.1664



1.4879, 0.1851, 0.1862

Previews

White Background



This preview shows how the Yxy color 53.7658, 0.4432, 0.3997 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 53.7658, 0.4432, 0.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

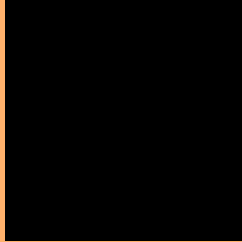
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7658, 0.4432, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 53.7658, 0.4432, 0.3997.



This preview shows how white text looks on a background with the Yxy color 53.7658, 0.4432, 0.3997.

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

53.7658, 0.4432, 0.3997

Protanopia

53.9220, 0.3913, 0.4244

Deuteranopia

53.8950, 0.4246, 0.4149



Tritanopia

53.7632, 0.3796, 0.3176

Trichromacy



Original Color

53.7658, 0.4432, 0.3997

Protanomaly

53.6081, 0.4095, 0.4154

Deuteranomaly

53.7296, 0.4311, 0.4089

Tritanomaly

53.5137, 0.4041, 0.3482

Monochromacy



Original Color

53.7658, 0.4432, 0.3997

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5609, 0.3580, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7658, 0.4432, 0.3997 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, 177, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 107)  
}
```

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, 177, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 107) }
```

Border

The CSS property to change the border of an element to Yxy 53.7658, 0.4432, 0.3997 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, 177, 107) }
```

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

```
.border{ border-color:rgb(255, 177, 107) }
```

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

Here you see how a box with a 4 pixel rgb(255, 177, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7658, 0.4432, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 107) }
```

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

```
.background{ background-color: rgb(255,  
177, 107) }
```

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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