

Converting Colors

Yxy(52.3184, 0.4557, 0.4086)

Have a look what the booklet for
Yxy(52.3184, 0.4557, 0.4086)
contains.

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Color

Yxy(52.3224, 0.4557, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE5D
RGB	255, 174, 93
RGB Percent	100%, 68%, 36%
CMY	0.0000, 0.3176, 0.6353
CMYK	0.00, 0.32, 0.64, 0.00
HSL	30°, 100%, 68%
HSV	30°, 64%, 100%
XYZ	58.3537, 52.3224, 17.3768
YIQ	188.9850, 74.2770, -8.0190

Conversions

Conversions Part 2

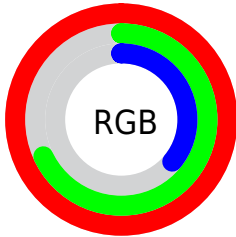
Format	Color
R _Y B	255, 255, 93
Decimal	16756317
CIE Lab	77.47, 22.06, 52.68
CIE LCh	77, 57.108, 67.280
Yxy	52.3224, 0.4557, 0.4086
Android (android.graphics.Color)	4294946397 (0xFFFFAE5D)
YUV	188.9850, -47.3206, 57.8952
Hunter-Lab	72.3342, 17.4152, 36.3908

Details

The Yxy color **52.3224, 0.4557, 0.4086** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **39.8137, 0.2120, 0.2239**, and the grayscale version is **51.1236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9290, 0.3865, 0.4134**, and **25.3112, 0.4890, 0.4195** is the 20% darker color. If you saturate the color by 10%, you get **47.2500, 0.4833, 0.4148**, and if you desaturate by 10%, it is **58.0152, 0.4279, 0.3988**.

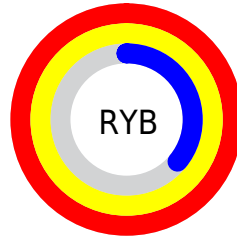
Distribution



Red (100%)

Green (68%)

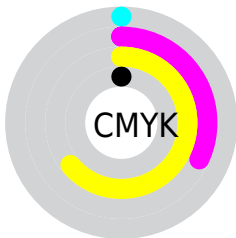
Blue (36%)



Red (100%)

Yellow (100%)

Blue (36%)

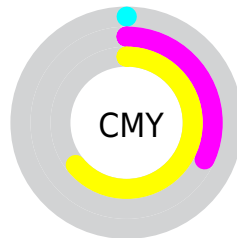


Cyan (0%)

Magenta (32%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3224, 0.4557, 0.4086 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 52.3224, 0.4557, 0.4086 by changing the saturation by 10% instead.


 52.3224, 0.4557,
0.4086


 52.3224, 0.4557,
0.4086


395.6800, 0.3877,
0.3756


 37.2621, 0.4707,
0.4143


 93.6065, 0.4323,
0.3984


 25.4105, 0.4887,
0.4201


 120.5992, 0.4231,
0.3941

 16.3832, 0.5101,
0.4253


 152.3381, 0.4151,
0.3901

 9.7957, 0.5354,
0.4282

 189.2076, 0.4082,
0.3866

 5.2637, 0.5703,
0.4297

231.5922, 0.4021,
0.3834

 2.4028, 0.5929,
0.4071

279.8762, 0.3967,

 0.8273, 0.6324,

0.3805

0.3676

334.4440, 0.3919,
0.3779

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3224, 0.4557,
0.4086

52.3224, 0.4557,
0.4086

47.2500, 0.4833,
0.4148

58.0152, 0.4279,
0.3988

42.7660, 0.5091,
0.4161

64.3510, 0.4014,
0.3866

38.8389, 0.5313,
0.4118

71.3548, 0.3769,
0.3733

36.5716, 0.5436,
0.4066

79.0491, 0.3549,
0.3596

87.4551, 0.3353,
0.3462

96.5929, 0.3182,
0.3333

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.



52.3224, 0.4616, 0.3525



52.3224, 0.4557, 0.4086



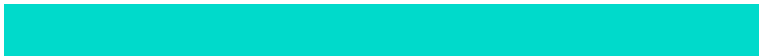
52.3224, 0.4097, 0.4551

Triad

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



52.3224, 0.4557, 0.4086



52.3224, 0.2120, 0.3514



52.3224, 0.2698, 0.2217

Complementary

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



52.3224, 0.4557, 0.4086



39.8137, 0.2120, 0.2239

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.



52.3224, 0.2138, 0.2132



52.3224, 0.4557, 0.4086



52.3224, 0.1836, 0.2766

Square

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



52.3224, 0.4557, 0.4086



52.3224, 0.2686, 0.4302



52.3224, 0.1847, 0.2301



52.3224, 0.3458, 0.2516

Rectangle

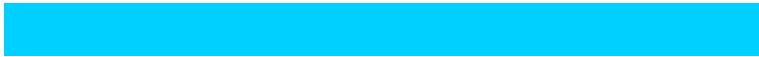
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.3224, 0.4557, 0.4086



52.3224, 0.3653, 0.4701



52.3224, 0.1847, 0.2301



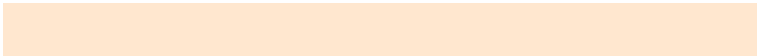
52.3224, 0.2483, 0.2163

Sweetspot

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



52.3236, 0.4557, 0.4086



82.7703, 0.3457, 0.3534



32.1428, 0.4112, 0.2503



17.2100, 0.3514, 0.3573



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.



52.3236, 0.4557, 0.4086



46.0903, 0.4899, 0.4156



93.5701, 0.4013, 0.4755



19.4879, 0.3282, 0.3409



19.4081, 0.5410, 0.4086



2.1081, 0.5235, 0.4226

Inverse Universe

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



39.8137, 0.2120, 0.2239



32.7029, 0.1963, 0.1992



17.3736, 0.1886, 0.1237



18.8783, 0.2979, 0.3168



12.0683, 0.1771, 0.1574



1.3935, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 52.3224, 0.4557, 0.4086 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 52.3224, 0.4557, 0.4086 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 52.3224, 0.4557, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 52.3224, 0.4557, 0.4086.



This preview shows how white text looks on a background with the Yxy color 52.3224, 0.4557, 0.4086.

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

52.3224, 0.4557, 0.4086

Protanopia

52.5972, 0.4012, 0.4373

Deuteranopia

52.6268, 0.4349, 0.4258



Tritanopia

52.1118, 0.3846, 0.3176

Trichromacy



Original Color

52.3224, 0.4557, 0.4086

Protanomaly

52.0550, 0.4215, 0.4260

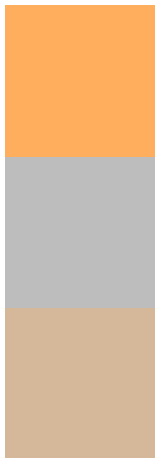
Deuteranomaly

52.6483, 0.4425, 0.4193

Tritanomaly

52.1160, 0.4129, 0.3534

Monochromacy



Original Color

52.3224, 0.4557, 0.4086

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7602, 0.3630, 0.3655

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3224, 0.4557, 0.4086 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, 174, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 93)  
}
```

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, 174, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 93) }
```

Border

The CSS property to change the border of an element to Yxy 52.3224, 0.4557, 0.4086 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, 174, 93) }
```

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

```
.border{ border-color:rgb(255, 174, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3224, 0.4557, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 93) }
```

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

```
.background{ background-color: rgb(255,  
174, 93) }
```

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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