

Converting Colors

$Y_{xy}(50.4752, 0.4525, 0.4045)$

Have a look what the booklet for
Yxy(50.4752, 0.4525, 0.4045)
contains.

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Color

Yxy(50.4796, 0.4525, 0.4046)

Conversions

Conversions Part 1

Format	Color
Hex	FBAB60
RGB	251, 171, 96
RGB Percent	98%, 67%, 38%
CMY	0.0157, 0.3294, 0.6236
CMYK	0.00, 0.32, 0.62, 0.02
HSL	29°, 95%, 68%
HSV	29°, 62%, 98%
XYZ	56.4558, 50.4796, 17.8288
YIQ	186.3700, 71.7550, -6.3650

Conversions

Conversions Part 2

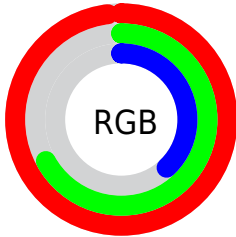
Format	Color
RYB	251, 241, 96
Decimal	16493408
CIELab	76.36, 22.19, 49.83
CIElCh	76, 54.545, 66.000
Yxy	50.4796, 0.4525, 0.4046
Android (android.graphics.Color)	4294683488 (0xFFFBAB60)
YUV	186.3700, -44.5524, 56.6805
Hunter-Lab	71.0490, 17.5010, 34.8563

Details

The Yxy color **50.4796, 0.4525, 0.4046** is a light color, and the websafe version is hex **FF9966**, and the color name is **rajah**. A complement of this color would be **40.4868, 0.2153, 0.2309**, and the grayscale version is **49.5464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8226, 0.3862, 0.4069**, and **24.3381, 0.4846, 0.4164** is the 20% darker color. If you saturate the color by 10%, you get **45.4357, 0.4810, 0.4112**, and if you desaturate by 10%, it is **56.1555, 0.4243, 0.3946**.

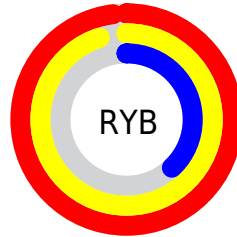
Distribution



Red (98%)

Green (67%)

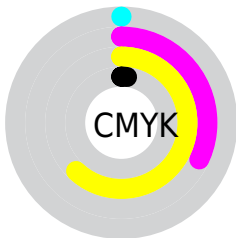
Blue (38%)



Red (98%)

Yellow (95%)

Blue (38%)

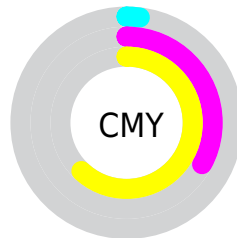


Cyan (0%)

Magenta (32%)

Yellow (62%)

Black (2%)



Cyan (2%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4796, 0.4525, 0.4046 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 50.4796, 0.4525, 0.4046 by changing the saturation by 10% instead.


 50.4796, 0.4525,
0.4046

 50.4796, 0.4525,
0.4046


388.5385, 0.3852,
0.3728

 35.7946, 0.4676,
0.4102


 90.8851, 0.4291,
0.3947


 24.2756, 0.4859,
0.4160


 117.3743, 0.4200,
0.3905

 15.5382, 0.5079,
0.4212


 148.5672, 0.4122,
0.3867

 9.1980, 0.5342,
0.4243

 184.8480, 0.4053,
0.3834

 4.8705, 0.5728,
0.4272

226.6011, 0.3994,
0.3803

 2.1715, 0.5968,
0.4032

274.2110, 0.3941,

 0.7044, 0.6428,

0.3776

0.3572

328.0620, 0.3894,
0.3751

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4796, 0.4525,
0.4046

50.4796, 0.4525,
0.4046

45.4357, 0.4810,
0.4112

56.1555, 0.4243,
0.3946

40.9879, 0.5081,
0.4131

62.4816, 0.3976,
0.3826

37.1067, 0.5318,
0.4095

69.4845, 0.3732,
0.3695

34.3017, 0.5483,
0.4029

77.1866, 0.3514,
0.3563

 85.6093, 0.3322,
0.3434

 94.7727, 0.3154,
0.3311

 99.2482, 0.3102,
0.3290

Harmonies

Analogous

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



50.4796, 0.4559, 0.3499



50.4796, 0.4525, 0.4046



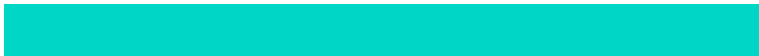
50.4796, 0.4096, 0.4500

Triad

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



50.4796, 0.4525, 0.4046



50.4796, 0.2170, 0.3543



50.4796, 0.2684, 0.2239

Complementary

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



50.4796, 0.4525, 0.4046



40.4868, 0.2153, 0.2309

Split Complementary

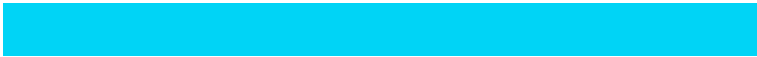
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.4796, 0.2149, 0.2167



50.4796, 0.4525, 0.4046



50.4796, 0.1879, 0.2812

Square

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



50.4796, 0.4525, 0.4046



50.4796, 0.2731, 0.4291



50.4796, 0.1877, 0.2345



50.4796, 0.3415, 0.2523

Rectangle

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



50.4796, 0.4525, 0.4046



50.4796, 0.3671, 0.4650



50.4796, 0.1877, 0.2345



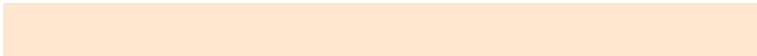
50.4796, 0.2479, 0.2189

Sweetspot

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



50.4821, 0.4525, 0.4046



82.3372, 0.3459, 0.3527



32.0076, 0.4036, 0.2493



17.1056, 0.3516, 0.3564



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.



50.4821, 0.4525, 0.4046



45.9863, 0.4875, 0.4121



88.7403, 0.4009, 0.4707



18.6119, 0.3282, 0.3405



18.3201, 0.5456, 0.4050



1.9080, 0.5266, 0.4201

Inverse Universe

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



40.4868, 0.2153, 0.2309



34.8198, 0.1997, 0.2074



18.2915, 0.1927, 0.1322



18.1244, 0.2980, 0.3172



12.2781, 0.1786, 0.1629



1.3495, 0.1845, 0.1840

Previews

White Background



This preview shows how the Yxy color 50.4796, 0.4525, 0.4046 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 50.4796, 0.4525, 0.4046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

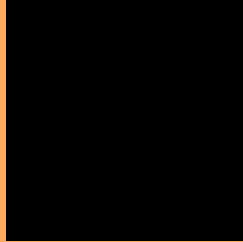
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4796, 0.4525, 0.4046

Background



This preview shows how black text looks on a background with the Yxy color 50.4796, 0.4525, 0.4046.



This preview shows how white text looks on a background with the Yxy color 50.4796, 0.4525, 0.4046.

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

50.4796, 0.4525, 0.4046

Protanopia

50.7644, 0.3974, 0.4328

Deuteranopia

50.6065, 0.4307, 0.4222



Tritanopia

50.5495, 0.3888, 0.3166

Trichromacy



Original Color

50.4796, 0.4525, 0.4046

Protanomaly

50.2233, 0.4178, 0.4216

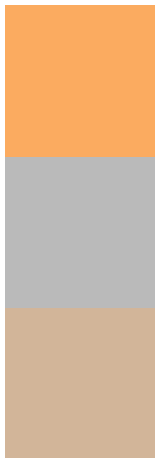
Deuteranomaly

50.6212, 0.4383, 0.4156

Tritanomaly

50.4186, 0.4149, 0.3504

Monochromacy



Original Color

50.4796, 0.4525, 0.4046

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.0493, 0.3621, 0.3635

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4796, 0.4525, 0.4046 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(251, 171, 96)` looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 96)  
}
```

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(251, 171, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 96) }
```

Border

The CSS property to change the border of an element to Yxy 50.4796, 0.4525, 0.4046 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(251, 171, 96) }
```

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

```
.border{ border-color:rgb(251, 171, 96) }
```

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

Here you see how a box with a 4 pixel rgb(251, 171, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 171, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 171, 96);  
box-shadow:4px 4px 4px 4px rgb(251, 171,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4796, 0.4525, 0.4046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 96) }
```

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

```
.background{ background-color: rgb(251,  
171, 96) }
```

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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