

Converting Colors

Yxy(54.9284, 0.4393, 0.4141)

Have a look what the booklet for
Yxy(54.9284, 0.4393, 0.4141)
contains.

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Color

Yxy(54.9076, 0.4397, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	F9B763
RGB	249, 183, 99
RGB Percent	98%, 72%, 39%
CMY	0.0234, 0.2824, 0.6118
CMYK	0.00, 0.27, 0.60, 0.02
HSL	34°, 93%, 68%
HSV	34°, 60%, 98%
XYZ	58.2598, 54.9076, 19.3316
YIQ	193.1580, 66.3000, -12.1320

Conversions

Conversions Part 2

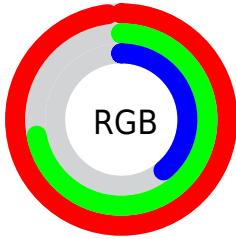
Format	Color
R _Y B	217, 249, 99
Decimal	16365411
CIE Lab	78.99, 15.30, 51.36
CIE LCh	79, 53.594, 73.413
Yxy	54.9076, 0.4397, 0.4144
Android (android.graphics.Color)	4294555491 (0xFFFF9B763)
YUV	193.1580, -46.4199, 48.9734
Hunter-Lab	74.0997, 10.6687, 36.4018

Details

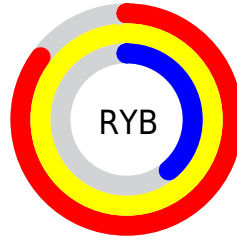
The Yxy color **54.9076, 0.4397, 0.4144** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.4163, 0.2139, 0.2182**, and the grayscale version is **53.6776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2600, 0.3792, 0.4157**, and **26.9975, 0.4686, 0.4289** is the 20% darker color. If you saturate the color by 10%, you get **50.1584, 0.4647, 0.4232**, and if you desaturate by 10%, it is **60.1612, 0.4146, 0.4023**.

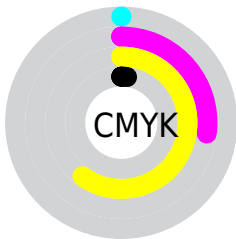
Distribution



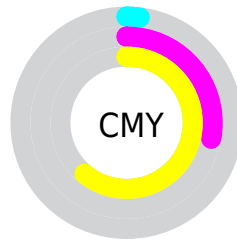
- Red (98%)
- Green (72%)
- Blue (39%)



- Red (85%)
- Yellow (98%)
- Blue (39%)



- Cyan (0%)
- Magenta (27%)
- Yellow (60%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9076, 0.4397, 0.4144 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 54.9076, 0.4397, 0.4144 by changing the saturation by 10% instead.


 54.9076, 0.4397,
0.4144

 54.9076, 0.4397,
0.4144


405.5616, 0.3798,
0.3775


 39.3277, 0.4529,
0.4214


 97.4056, 0.4192,
0.4026

 27.0148, 0.4686,
0.4291


 125.0925, 0.4111,
0.3976

 17.5843, 0.4873,
0.4371


 157.5838, 0.4041,
0.3933

 10.6520, 0.5093,
0.4442

 195.2641, 0.3980,
0.3894

 5.8333, 0.5441,
0.4559

238.5176, 0.3926,
0.3859

 2.7440, 0.5595,
0.4405

287.7287, 0.3878,

 0.9996, 0.5861,

0.3828

0.4139

343.2819, 0.3836,
0.3800

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9076, 0.4397,
0.4144

54.9076, 0.4397,
0.4144

50.1584, 0.4647,
0.4232

60.1612, 0.4146,
0.4023

45.8834, 0.4883,
0.4276


65.9309, 0.3904,
0.3883

42.0605, 0.5089,
0.4266

72.2379, 0.3680,
0.3733

38.7319, 0.5256,
0.4209

79.0994, 0.3475,
0.3581

 86.5317, 0.3293,
0.3434

 94.5502, 0.3131,
0.3293

 98.8847, 0.3090,
0.3290

Harmonies

Analogous

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



54.9076, 0.4530, 0.3629



54.9076, 0.4397, 0.4144



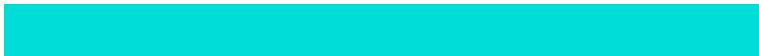
54.9076, 0.3918, 0.4522

Triad

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



54.9076, 0.4397, 0.4144



54.9076, 0.2114, 0.3347



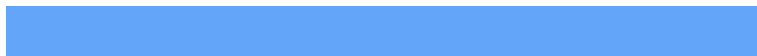
54.9076, 0.2865, 0.2328

Complementary

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



54.9076, 0.4397, 0.4144



36.4163, 0.2139, 0.2182

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.



54.9076, 0.2293, 0.2205



54.9076, 0.4397, 0.4144



54.9076, 0.1901, 0.2699

Square

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



54.9076, 0.4397, 0.4144



54.9076, 0.2598, 0.4087



54.9076, 0.1964, 0.2317



54.9076, 0.3586, 0.2647

Rectangle

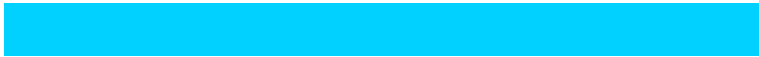
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.9076, 0.4397, 0.4144



54.9076, 0.3487, 0.4592



54.9076, 0.1964, 0.2317



54.9076, 0.2651, 0.2263

Sweetspot

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



54.9103, 0.4397, 0.4144



85.1692, 0.3433, 0.3548



31.8406, 0.4133, 0.2607



17.7566, 0.3489, 0.3591



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.



54.9103, 0.4397, 0.4144



52.0657, 0.4692, 0.4244



87.4624, 0.3926, 0.4730



18.8374, 0.3280, 0.3423



21.0156, 0.5234, 0.4226



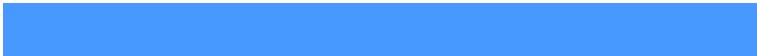
2.1576, 0.5076, 0.4352

Inverse Universe

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



36.4163, 0.2139, 0.2182



31.0994, 0.1972, 0.1920



18.8601, 0.1994, 0.1364



17.9002, 0.2979, 0.3154



9.8560, 0.1717, 0.1382



1.1200, 0.1781, 0.1611

Previews

White Background



This preview shows how the Yxy color 54.9076, 0.4397, 0.4144 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 54.9076, 0.4397, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

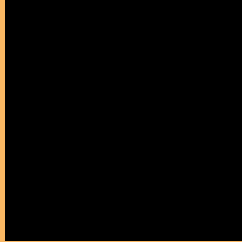
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9076, 0.4397, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 54.9076, 0.4397, 0.4144.



This preview shows how white text looks on a background with the Yxy color 54.9076, 0.4397, 0.4144.

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

54.9076, 0.4397, 0.4144

Protanopia

55.0581, 0.3997, 0.4357

Deuteranopia

55.1233, 0.4307, 0.4221



Tritanopia

54.6923, 0.3753, 0.3156

Trichromacy



Original Color

54.9076, 0.4397, 0.4144

Protanomaly

54.7149, 0.4140, 0.4272

Deuteranomaly

55.2327, 0.4340, 0.4200

Tritanomaly

54.6600, 0.4015, 0.3536

Monochromacy



Original Color

54.9076, 0.4397, 0.4144

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.0445, 0.3573, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9076, 0.4397, 0.4144 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(249, 183, 99)` looks like.

```
.text, #text, p{  
    color:rgb(249, 183, 99)  
}
```

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(249, 183, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 183, 99) }
```

Border

The CSS property to change the border of an element to Yxy 54.9076, 0.4397, 0.4144 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(249, 183, 99) }
```

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

```
.border{ border-color:rgb(249, 183, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 183, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 183, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 183, 99);  
box-shadow:4px 4px 4px 4px rgb(249, 183,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9076, 0.4397, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 183, 99) }
```

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

```
.background{ background-color: rgb(249,  
183, 99) }
```

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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