

Converting Colors

$Yxy(53.5955, 0.4388, 0.3975)$

Have a look what the booklet for
Yxy(53.5955, 0.4388, 0.3975)
contains.

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Color

Yxy(53.4527, 0.4391, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	FDB16E
RGB	253, 177, 110
RGB Percent	99%, 69%, 43%
CMY	0.0080, 0.3058, 0.5687
CMYK	0.00, 0.30, 0.57, 0.01
HSL	28°, 97%, 71%
HSV	28°, 57%, 99%
XYZ	59.0319, 53.4527, 21.9538
YIQ	192.0860, 66.8030, -4.7250

Conversions

Conversions Part 2

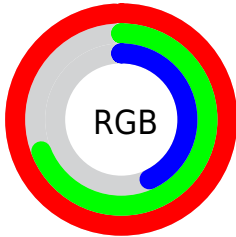
Format	Color
RYB	253, 236, 110
Decimal	16626030
CIELab	78.14, 20.82, 45.04
CIELCh	78, 49.614, 65.193
Yxy	53.4527, 0.4391, 0.3976
Android (android.graphics.Color)	4294816110 (0xFFFDDB16E)
YUV	192.0860, -40.4684, 53.4216
Hunter-Lab	73.1114, 16.1804, 33.3744

Details

The Yxy color **53.4527, 0.4391, 0.3976** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.4845, 0.2234, 0.2437**, and the grayscale version is **52.9772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1822, 0.3744, 0.3997**, and **26.0790, 0.4703, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **47.9314, 0.4684, 0.4058**, and if you desaturate by 10%, it is **59.6590, 0.4110, 0.3867**.

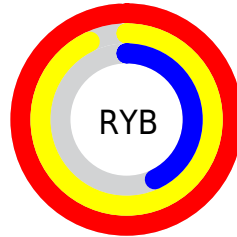
Distribution



Red (99%)

Green (69%)

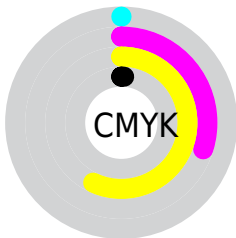
Blue (43%)



Red (99%)

Yellow (93%)

Blue (43%)

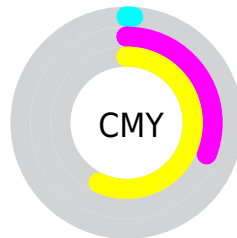


Cyan (0%)

Magenta (30%)

Yellow (57%)

Black (1%)



Cyan (1%)


Magenta (31%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4527, 0.4391, 0.3976 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 53.4527, 0.4391, 0.3976 by changing the saturation by 10% instead.


 53.4527, 0.4391,
0.3976


 53.4527, 0.4391,
0.3976


400.0195, 0.3783,
0.3683


 38.1643, 0.4530,
0.4031


 95.2702, 0.4179,
0.3883


 26.1102, 0.4699,
0.4091


 122.5680, 0.4096,
0.3844

 16.9061, 0.4906,
0.4152


 154.6378, 0.4025,
0.3809

 10.1676, 0.5162,
0.4203

 191.8639, 0.3964,
0.3778

 5.5102, 0.5541,
0.4270

234.6308, 0.3910,
0.3750

 2.5496, 0.5857,
0.4143

283.3227, 0.3863,

 0.9014, 0.6216,

0.3725

0.3784

338.3242, 0.3821,
0.3703

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4527, 0.4391,
0.3976

53.4527, 0.4391,
0.3976

47.9314, 0.4684,
0.4058

59.6590, 0.4110,
0.3867

43.0583, 0.4972,
0.4100

66.5690, 0.3850,
0.3744

38.8042, 0.5237,
0.4090

74.2100, 0.3617,
0.3616

35.1324, 0.5458,
0.4024

82.6055, 0.3411,
0.3488

■ 33.9770, 0.5528,
0.3993

■ 91.7776, 0.3231,
0.3366

99.6142, 0.3115,
0.3290

Harmonies

Analogous

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



53.4527, 0.4401, 0.3480



53.4527, 0.4391, 0.3976



53.4527, 0.4022, 0.4375

Triad

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



53.4527, 0.4391, 0.3976



53.4527, 0.2279, 0.3539



53.4527, 0.2717, 0.2330

Complementary

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



53.4527, 0.4391, 0.3976



45.4845, 0.2234, 0.2437

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.



53.4527, 0.2233, 0.2273



53.4527, 0.4391, 0.3976



53.4527, 0.2000, 0.2886

Square

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



53.4527, 0.4391, 0.3976



53.4527, 0.2795, 0.4186



53.4527, 0.1988, 0.2450



53.4527, 0.3370, 0.2586

Rectangle

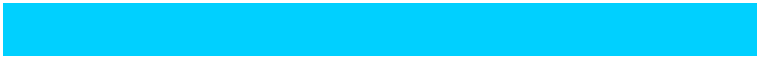
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.4527, 0.4391, 0.3976



53.4527, 0.3644, 0.4501



53.4527, 0.1988, 0.2450



53.4527, 0.2531, 0.2287

Sweetspot

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



53.4554, 0.4391, 0.3976



83.6967, 0.3421, 0.3494



35.5786, 0.3895, 0.2522



17.5349, 0.3460, 0.3520



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.



53.4554, 0.4391, 0.3976



48.0263, 0.4728, 0.4067



89.2509, 0.3963, 0.4598



19.3915, 0.3283, 0.3402



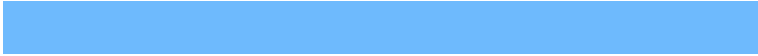
18.3677, 0.5502, 0.4014



2.0048, 0.5314, 0.4162

Inverse Universe

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



45.4845, 0.2234, 0.2437



39.1476, 0.2078, 0.2225



22.6084, 0.2037, 0.1522



18.9751, 0.2979, 0.3176



13.1906, 0.1800, 0.1679



1.5032, 0.1854, 0.1876

Previews

White Background



This preview shows how the Yxy color 53.4527, 0.4391, 0.3976 looks on a white background.

Color Contrast Check

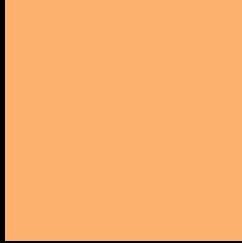
Large Text (above 18pt) WCAG AA × Fail

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 53.4527, 0.4391, 0.3976 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 53.4527, 0.4391, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 53.4527, 0.4391, 0.3976.



This preview shows how white text looks on a background with the Yxy color 53.4527, 0.4391, 0.3976.

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

53.4527, 0.4391, 0.3976

Protanopia

53.8416, 0.3883, 0.4215

Deuteranopia

53.6135, 0.4206, 0.4127



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.4527, 0.4391, 0.3976

Protanomaly

53.5122, 0.4064, 0.4126

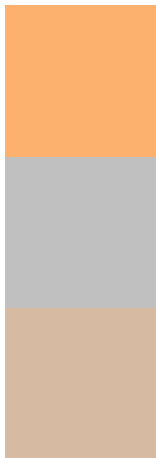
Deuteranomaly

53.4373, 0.4271, 0.4068

Tritanomaly

53.3583, 0.4023, 0.3472

Monochromacy



Original Color

53.4527, 0.4391, 0.3976

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4454, 0.3562, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4527, 0.4391, 0.3976 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(253, 177, 110)` looks like.

```
.text, #text, p{  
    color:rgb(253, 177, 110)  
}
```

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(253, 177, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 177, 110) }
```

Border

The CSS property to change the border of an element to Yxy 53.4527, 0.4391, 0.3976 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(253, 177, 110) }
```

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

```
.border{ border-color:rgb(253, 177, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 177, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 177, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 177, 110);  
box-shadow:4px 4px 4px 4px rgb(253, 177,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4527, 0.4391, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 177, 110) }
```

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

```
.background{ background-color: rgb(253,  
177, 110) }
```

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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