

Converting Colors

$Y_{xy}(44.5450, 0.4610, 0.3614)$

Have a look what the booklet for
Yxy(44.5450, 0.4610, 0.3614)
contains.

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Color

Yxy(43.6776, 0.4563, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	FF9473
RGB	255, 148, 115
RGB Percent	100%, 58%, 45%
CMY	0.0001, 0.4195, 0.5490
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 73%
HSV	14°, 55%, 100%
XYZ	54.9190, 43.6776, 21.7606
YIQ	176.2310, 74.3650, 12.4210

Conversions

Conversions Part 2

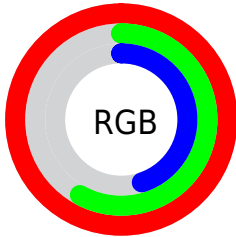
Format	Color
RYB	255, 158, 115
Decimal	16749683
CIELab	72.01, 37.09, 34.81
CIElCh	72, 50.867, 43.189
Yxy	43.6776, 0.4563, 0.3629
Android (android.graphics.Color)	4294939763 (0xFFFF9473)
YUV	176.2310, -30.1869, 69.0804
Hunter-Lab	66.0890, 32.6749, 26.7404

Details

The Yxy color **43.6776, 0.4563, 0.3629** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.0935, 0.2346, 0.2889**, and the grayscale version is **43.6772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7619, 0.3820, 0.3666**, and **20.2284, 0.4961, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **37.5638, 0.4958, 0.3663**, and if you desaturate by 10%, it is **50.9872, 0.4202, 0.3576**.

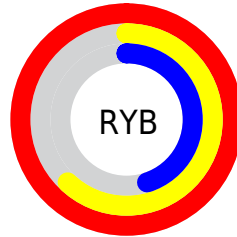
Distribution



Red (100%)

Green (58%)

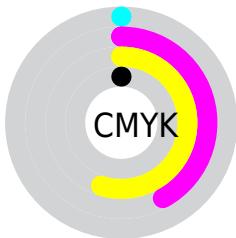
Blue (45%)



Red (100%)

Yellow (62%)

Blue (45%)

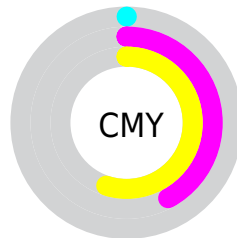


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6776, 0.4563, 0.3629 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 43.6776, 0.4563, 0.3629 by changing the saturation by 10% instead.


 43.6776, 0.4563,
0.3629

 43.6776, 0.4563,
0.3629


361.3910, 0.3837,
0.3504


 30.4171, 0.4741,
0.3644


 80.7324, 0.4301,
0.3595

 20.1554, 0.4964,
0.3653


 105.2955, 0.4201,
0.3579

 12.5081, 0.5251,
0.3648


 134.3949, 0.4117,
0.3564

 7.0907, 0.5626,
0.3610

168.4151, 0.4045,
0.3550

 3.5189, 0.6227,
0.3552

207.7404, 0.3983,
0.3537

 1.4083, 0.6798,
0.3202

252.7552, 0.3928,

 0.2228, 0.8375,

0.3525

0.1625

303.8440, 0.3880,
0.3514

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.6776, 0.4563,
0.3629

43.6776, 0.4563,
0.3629

37.5638, 0.4958,
0.3663

50.9872, 0.4202,
0.3576

32.5738, 0.5362,
0.3667


59.5459, 0.3886,
0.3512

28.6379, 0.5732,
0.3631

69.4118, 0.3618,
0.3446

25.6749, 0.6023,
0.3555

80.6374, 0.3393,
0.3381

 24.5003, 0.6137,
0.3509

 93.2722, 0.3207,
0.3319

99.9956, 0.3127,
0.3290

Harmonies

Analogous

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



43.6776, 0.4251, 0.3095



43.6776, 0.4563, 0.3629



43.6776, 0.4427, 0.4156

Triad

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



43.6776, 0.4563, 0.3629



43.6776, 0.2589, 0.4113



43.6776, 0.2271, 0.2183

Complementary

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



43.6776, 0.4563, 0.3629



63.0935, 0.2346, 0.2889

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.



43.6776, 0.1939, 0.2297



43.6776, 0.4563, 0.3629



43.6776, 0.2094, 0.3352

Square

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



43.6776, 0.4563, 0.3629



43.6776, 0.3264, 0.4583



43.6776, 0.1876, 0.2687



43.6776, 0.2853, 0.2307

Rectangle

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



43.6776, 0.4563, 0.3629



43.6776, 0.4130, 0.4444



43.6776, 0.1876, 0.2687



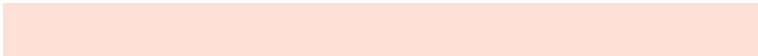
43.6776, 0.2131, 0.2193

Sweetspot

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



43.6798, 0.4563, 0.3629



79.3402, 0.3416, 0.3388



38.8121, 0.3502, 0.2243



16.4699, 0.3460, 0.3401



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.



43.6798, 0.4563, 0.3629



36.9636, 0.5003, 0.3665



72.4575, 0.4118, 0.4305



18.6821, 0.3288, 0.3347



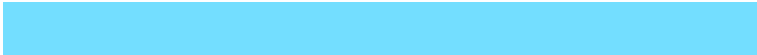
12.9930, 0.6111, 0.3530



1.4242, 0.5896, 0.3700

Inverse Universe

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



63.0935, 0.2346, 0.2889



57.9932, 0.2231, 0.2792



33.4315, 0.2155, 0.1979



19.7126, 0.2980, 0.3233



24.3777, 0.2030, 0.2508



2.5404, 0.2058, 0.2607

Previews

White Background



This preview shows how the Yxy color 43.6776, 0.4563, 0.3629 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 43.6776, 0.4563, 0.3629 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 43.6776, 0.4563, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 43.6776, 0.4563, 0.3629.



This preview shows how white text looks on a background with the Yxy color 43.6776, 0.4563, 0.3629.

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

43.6776, 0.4563, 0.3629

Protanopia

44.0530, 0.3680, 0.3951

Deuteranopia

43.8198, 0.4081, 0.3993



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.6776, 0.4563, 0.3629

Protanomaly

42.9986, 0.3991, 0.3818

Deuteranomaly

43.3176, 0.4267, 0.3852

Tritanomaly

43.4042, 0.4324, 0.3346

Monochromacy



Original Color

43.6776, 0.4563, 0.3629

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5847, 0.3610, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6776, 0.4563, 0.3629 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, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 115)  
}
```

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, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 115) }
```

Border

The CSS property to change the border of an element to Yxy 43.6776, 0.4563, 0.3629 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, 148, 115) }
```

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

```
.border{ border-color:rgb(255, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6776, 0.4563, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 115) }
```

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

```
.background{ background-color: rgb(255,  
148, 115) }
```

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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