

Converting Colors

$Y_{xy}(42.5618, 0.4549, 0.3622)$

Have a look what the booklet for
Yxy(42.5618, 0.4549, 0.3622)
contains.

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Color

Yxy(42.4910, 0.4550, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	FC9273
RGB	252, 146, 115
RGB Percent	99%, 57%, 45%
CMY	0.0119, 0.4274, 0.5490
CMYK	0.00, 0.42, 0.54, 0.01
HSL	14°, 96%, 72%
HSV	14°, 54%, 99%
XYZ	53.5107, 42.4910, 21.6042
YIQ	174.1600, 73.1270, 12.8310

Conversions

Conversions Part 2

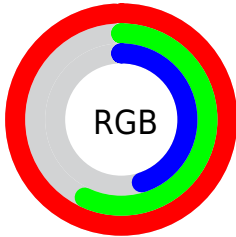
Format	Color
R_{YB}	252, 155, 115
Decimal	16552563
CIE _{Lab}	71.21, 36.96, 33.71
CIE _{LCh}	71, 50.025, 42.362
Yxy	42.4910, 0.4550, 0.3613
Android (android.graphics.Color)	4294742643 (0xFFFC9273)
YUV	174.1600, -29.1659, 68.2657
Hunter-Lab	65.1851, 32.4572, 25.9792

Details

The Yxy color **42.4910, 0.4550, 0.3613** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **62.3622, 0.2356, 0.2910**, and the grayscale version is **42.5414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8233, 0.3827, 0.3646**, and **19.4751, 0.4951, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **36.4832, 0.4948, 0.3647**, and if you desaturate by 10%, it is **49.6862, 0.4188, 0.3561**.

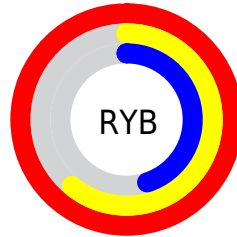
Distribution



Red (99%)

Green (57%)

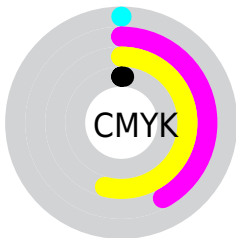
Blue (45%)



Red (99%)

Yellow (61%)

Blue (45%)

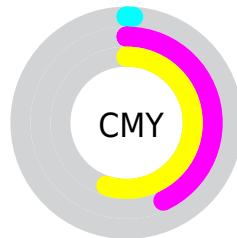


Cyan (0%)

Magenta (42%)

Yellow (54%)

Black (1%)



Cyan (1%)


Magenta (43%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4910, 0.4550, 0.3613 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 42.4910, 0.4550, 0.3613 by changing the saturation by 10% instead.


 42.4910, 0.4550,
0.3613


 42.4910, 0.4550,
0.3613


356.5143, 0.3827,
0.3494

 29.4860, 0.4728,
0.3627


 78.9422, 0.4288,
0.3581

 19.4487, 0.4954,
0.3635


 103.1571, 0.4189,
0.3566

 11.9950, 0.5244,
0.3629


 131.8775, 0.4105,
0.3551

 6.7403, 0.5627,
0.3588

 165.4876, 0.4033,
0.3538

 3.3002, 0.6254,
0.3532

204.3720, 0.3971,
0.3525

 1.2904, 0.6838,
0.3162

248.9150, 0.3917,

 0.1337, 0.8864,

0.3514

0.1136

299.5009, 0.3869,
0.3504

0.0000, 0.0000,
0.0000

42.4910, 0.4550,
0.3613

42.4910, 0.4550,
0.3613

36.4832, 0.4948,
0.3647

49.6862, 0.4188,
0.3561

31.5911, 0.5355,
0.3651

58.1222, 0.3873,
0.3500

27.7449, 0.5731,
0.3617

67.8571, 0.3606,
0.3436

24.8635, 0.6028,
0.3545

78.9433, 0.3383,
0.3374

23.6215, 0.6155,
0.3495

91.4302, 0.3198,
0.3314

99.4297, 0.3108,
0.3290

Harmonies

Analogous

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



42.4910, 0.4228, 0.3083



42.4910, 0.4550, 0.3613



42.4910, 0.4428, 0.4137

Triad

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



42.4910, 0.4550, 0.3613



42.4910, 0.2610, 0.4125



42.4910, 0.2264, 0.2190

Complementary

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



42.4910, 0.4550, 0.3613



62.3622, 0.2356, 0.2910

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.



42.4910, 0.1941, 0.2311



42.4910, 0.4550, 0.3613



42.4910, 0.2111, 0.3373

Square

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



42.4910, 0.4550, 0.3613



42.4910, 0.3283, 0.4579



42.4910, 0.1886, 0.2707



42.4910, 0.2837, 0.2307

Rectangle

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



42.4910, 0.4550, 0.3613



42.4910, 0.4139, 0.4427



42.4910, 0.1886, 0.2707



42.4910, 0.2127, 0.2202

Sweetspot

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



42.4932, 0.4550, 0.3613



79.1354, 0.3417, 0.3384



38.2438, 0.3473, 0.2233



16.4216, 0.3461, 0.3397



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.



42.4932, 0.4550, 0.3613



37.1080, 0.4976, 0.3648



69.5993, 0.4120, 0.4275



17.8626, 0.3288, 0.3344



12.4886, 0.6128, 0.3516



1.3087, 0.5904, 0.3694

Inverse Universe

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



62.3622, 0.2356, 0.2910



59.2235, 0.2245, 0.2821



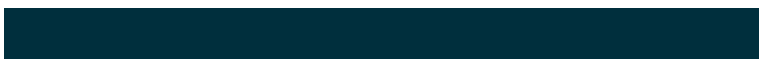
33.7228, 0.2171, 0.2025



18.9028, 0.2980, 0.3235



24.2099, 0.2039, 0.2541



2.3996, 0.2067, 0.2641

Previews

White Background



This preview shows how the Yxy color 42.4910, 0.4550, 0.3613 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 42.4910, 0.4550, 0.3613 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 42.4910, 0.4550, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 42.4910, 0.4550, 0.3613.



This preview shows how white text looks on a background with the Yxy color 42.4910, 0.4550, 0.3613.

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

42.4910, 0.4550, 0.3613

Protanopia

42.8836, 0.3659, 0.3933

Deuteranopia

42.6340, 0.4064, 0.3979



Tritanopia

42.5441, 0.4224, 0.3189

Trichromacy



Original Color

42.4910, 0.4550, 0.3613

Protanomaly

41.8299, 0.3972, 0.3801

Deuteranomaly

42.1349, 0.4251, 0.3837

Tritanomaly

42.5507, 0.4347, 0.3346

Monochromacy



Original Color

42.4910, 0.4550, 0.3613

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.4074, 0.3596, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4910, 0.4550, 0.3613 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(252, 146, 115)` looks like.

```
.text, #text, p{  
    color:rgb(252, 146, 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(252, 146, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 146, 115) }
```

Border

The CSS property to change the border of an element to Yxy 42.4910, 0.4550, 0.3613 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(252, 146, 115) }
```

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

```
.border{ border-color:rgb(252, 146, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 146, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 146, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 146, 115);  
box-shadow:4px 4px 4px 4px rgb(252, 146,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4910, 0.4550, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 146, 115) }
```

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

```
.background{ background-color: rgb(252,  
146, 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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