

Converting Colors

$Yxy(43.4997, 0.4570, 0.3626)$

Have a look what the booklet for
Yxy(43.4997, 0.4570, 0.3626)
contains.

Yxy(43.3652, 0.4570, 0.3619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.3652, 0.4570, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	FF9373
RGB	255, 147, 115
RGB Percent	100%, 58%, 45%
CMY	0.0001, 0.4234, 0.5491
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 73%
HSV	14°, 55%, 100%
XYZ	54.7607, 43.3652, 21.7006
YIQ	175.6440, 74.6400, 12.9440

Conversions

Conversions Part 2

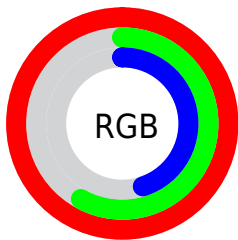
Format	Color
R _Y B	255, 156, 115
Decimal	16749427
CIE Lab	71.80, 37.59, 34.56
CIE LCh	72, 51.065, 42.591
Yxy	43.3652, 0.4570, 0.3619
Android (android.graphics.Color)	4294939507 (0xFFFF9373)
YUV	175.6440, -29.8975, 69.5952
Hunter-Lab	65.8523, 33.1936, 26.5585

Details

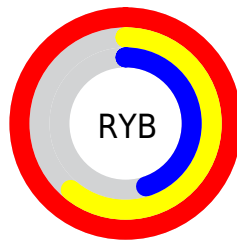
The Yxy color **43.3652, 0.4570, 0.3619** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **63.6063, 0.2348, 0.2901**, and the grayscale version is **43.3524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2911, 0.3824, 0.3656**, and **20.0471, 0.4972, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **37.2568, 0.4968, 0.3652**, and if you desaturate by 10%, it is **50.6856, 0.4206, 0.3567**.

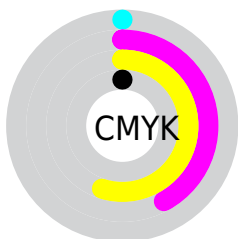
Distribution



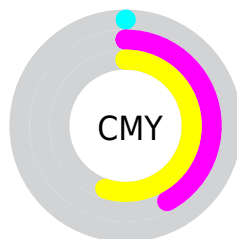
- Red (100%)
- Green (58%)
- Blue (45%)



- Red (100%)
- Yellow (61%)
- 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 43.3652, 0.4570, 0.3619 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 43.3652, 0.4570, 0.3619 by changing the saturation by 10% instead.


 43.3652, 0.4570,
0.3619


 43.3652, 0.4570,
0.3619


360.1115, 0.3840,
0.3499


 30.1718, 0.4749,
0.3633


 80.2617, 0.4306,
0.3587


 19.9690, 0.4974,
0.3640


 104.7335, 0.4206,
0.3572

 12.3725, 0.5264,
0.3633


 133.7336, 0.4121,
0.3557

 6.9979, 0.5643,
0.3591

 167.6463, 0.4049,
0.3544

 3.4608, 0.6254,
0.3530

206.8560, 0.3986,
0.3531

 1.3768, 0.6830,
0.3170

251.7472, 0.3931,

 0.1995, 0.8506,

0.3519

0.1494

302.7043, 0.3883,
0.3509

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.3652, 0.4570,
0.3619

43.3652, 0.4570,
0.3619

37.2568, 0.4968,
0.3652

50.6856, 0.4206,
0.3567

32.2867, 0.5375,
0.3654

59.2728, 0.3889,
0.3506

28.3835, 0.5747,
0.3618

69.1862, 0.3619,
0.3441

25.4636, 0.6038,
0.3543

80.4796, 0.3394,
0.3378

■ 24.3162, 0.6151,
0.3498

■ 93.2036, 0.3207,
0.3318

99.9950, 0.3127,
0.3290

Harmonies

Analogous

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



43.3652, 0.4247, 0.3083



43.3652, 0.4570, 0.3619



43.3652, 0.4441, 0.4150

Triad

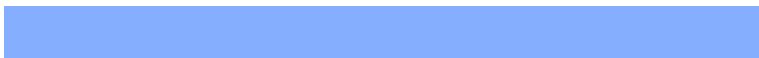
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3652, 0.4570, 0.3619



43.3652, 0.2598, 0.4132



43.3652, 0.2257, 0.2177

Complementary

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



43.3652, 0.4570, 0.3619



63.6063, 0.2348, 0.2901

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.



43.3652, 0.1929, 0.2296



43.3652, 0.4570, 0.3619



43.3652, 0.2096, 0.3368

Square

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



43.3652, 0.4570, 0.3619



43.3652, 0.3278, 0.4597



43.3652, 0.1871, 0.2694



43.3652, 0.2838, 0.2297

Rectangle

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



43.3652, 0.4570, 0.3619



43.3652, 0.4146, 0.4443



43.3652, 0.1871, 0.2694



43.3652, 0.2118, 0.2188

Sweetspot

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



43.3674, 0.4570, 0.3619



79.1877, 0.3417, 0.3385



38.9312, 0.3478, 0.2223



16.4339, 0.3461, 0.3398



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.



43.3674, 0.4570, 0.3619



36.6644, 0.5013, 0.3654



71.2525, 0.4131, 0.4284



18.6613, 0.3289, 0.3345



12.8927, 0.6125, 0.3519



1.4118, 0.5912, 0.3688

Inverse Universe

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



63.6063, 0.2348, 0.2901



58.5936, 0.2235, 0.2808



34.1898, 0.2161, 0.2009



19.7350, 0.2980, 0.3234



24.7913, 0.2037, 0.2532



2.5775, 0.2064, 0.2629

Previews

White Background



This preview shows how the Yxy color 43.3652, 0.4570, 0.3619 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 43.3652, 0.4570, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

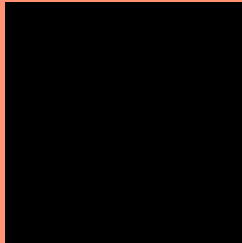
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3652, 0.4570, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 43.3652, 0.4570, 0.3619.



This preview shows how white text looks on a background with the Yxy color 43.3652, 0.4570, 0.3619.

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

43.3652, 0.4570, 0.3619

Protanopia

43.5301, 0.3675, 0.3941

Deuteranopia

43.2991, 0.4078, 0.3984



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.3652, 0.4570, 0.3619

Protanomaly

42.6365, 0.3996, 0.3807

Deuteranomaly

42.8054, 0.4264, 0.3843

Tritanomaly

43.0706, 0.4340, 0.3346

Monochromacy



Original Color

43.3652, 0.4570, 0.3619

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2225, 0.3613, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3652, 0.4570, 0.3619 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, 147, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 115) }
```

Border

The CSS property to change the border of an element to Yxy 43.3652, 0.4570, 0.3619 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, 147, 115) }
```

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

```
.border{ border-color:rgb(255, 147, 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, 147, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3652, 0.4570, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 115) }
```

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

```
.background{ background-color: rgb(255,  
147, 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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