

Converting Colors

Yxy(56.4369, 0.5098, 0.3465)

Have a look what the booklet for
Yxy(56.4369, 0.5098, 0.3465)
contains.

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Color

Yxy(41.3005, 0.4597, 0.3527)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8C75 |
| RGB | 255, 140, 117 |
| RGB Percent | 100%, 55%, 46% |
| CMY | 0.0000, 0.4510, 0.5411 |
| CMYK | 0.00, 0.45, 0.54, 0.00 |
| HSL | 10°, 100%, 73% |
| HSV | 10°, 54%, 100% |
| XYZ | 53.8300, 41.3005, 21.9676 |
| YIQ | 171.7630, 75.9230, 17.2270 |

Conversions

Conversions Part 2

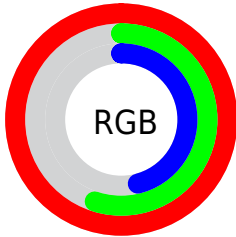
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 145, 117 |
| Decimal | 16747637 |
| CIELab | 70.39, 41.33, 31.64 |
| CIElCh | 70, 52.048, 37.437 |
| Yxy | 41.3005, 0.4597, 0.3527 |
| Android (android.graphics.Color) | 4294937717 (0xFFFF8C75) |
| YUV | 171.7630, -26.9982, 72.9988 |
| Hunter-Lab | 64.2655, 37.0505, 24.7190 |

Details

The Yxy color **41.3005, 0.4597, 0.3527** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68.7198, 0.2379, 0.3014**, and the grayscale version is **41.2407, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1548, 0.3832, 0.3564**, and **18.7031, 0.5031, 0.3524** is the 20% darker color. If you saturate the color by 10%, you get **35.1595, 0.5019, 0.3549**, and if you desaturate by 10%, it is **48.8078, 0.4215, 0.3490**.

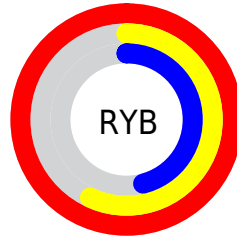
Distribution



Red (100%)

Green (55%)

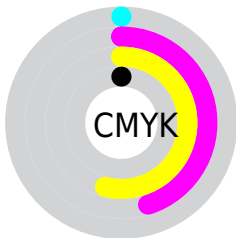
Blue (46%)



Red (100%)

Yellow (57%)

Blue (46%)

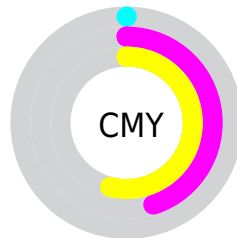


Cyan (0%)

Magenta (45%)

Yellow (54%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3005, 0.4597, 0.3527 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 41.3005, 0.4597, 0.3527 by changing the saturation by 10% instead.

 41.3005, 0.4597,
0.3527


 41.3005, 0.4597,
0.3527


351.5750, 0.3845,
0.3452


 28.5540, 0.4784,
0.3530


 77.1399, 0.4323,
0.3511

 18.7437, 0.5021,
0.3525


 101.0015, 0.4220,
0.3501

 11.4852, 0.5330,
0.3501


 129.3369, 0.4133,
0.3492

 6.3942, 0.5738,
0.3436

162.5305, 0.4059,
0.3483

 3.0862, 0.6398,
0.3337

200.9667, 0.3995,
0.3474

 1.1769, 0.7066,
0.2934

245.0300, 0.3938,

 0.0427, 0.9615,

0.3466

0.0385

295.1046, 0.3889,
0.3459

0.0000, 0.0000,
0.0000

41.3005, 0.4597,
0.3527

41.3005, 0.4597,
0.3527

35.1595, 0.5019,
0.3549

48.8078, 0.4215,
0.3490

30.2962, 0.5451,
0.3548

57.7516, 0.3885,
0.3445

26.6205, 0.5842,
0.3516

68.2039, 0.3609,
0.3397

24.0271, 0.6138,
0.3454

80.2303, 0.3381,
0.3351

22.9510, 0.6258,
0.3413

93.8925, 0.3194,
0.3307

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



41.3005, 0.4187, 0.2984



41.3005, 0.4597, 0.3527



41.3005, 0.4538, 0.4082

Triad

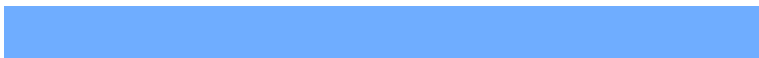
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.3005, 0.4597, 0.3527



41.3005, 0.2689, 0.4283



41.3005, 0.2152, 0.2145

Complementary

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



41.3005, 0.4597, 0.3527



68.7198, 0.2379, 0.3014

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.



41.3005, 0.1863, 0.2312



41.3005, 0.4597, 0.3527



41.3005, 0.2131, 0.3508

Square

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



41.3005, 0.4597, 0.3527



41.3005, 0.3405, 0.4675



41.3005, 0.1851, 0.2771



41.3005, 0.2707, 0.2230

Rectangle

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



41.3005, 0.4597, 0.3527



41.3005, 0.4269, 0.4408



41.3005, 0.1851, 0.2771



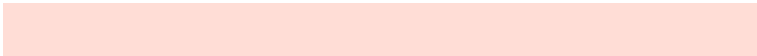
41.3005, 0.2025, 0.2171

Sweetspot

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



41.3024, 0.4597, 0.3527



77.8374, 0.3421, 0.3359



39.9433, 0.3380, 0.2160



16.1158, 0.3466, 0.3369



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.



41.3024, 0.4597, 0.3527



34.6776, 0.5058, 0.3550



67.0271, 0.4169, 0.4190



18.4759, 0.3290, 0.3330



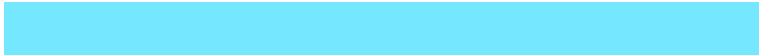
12.1348, 0.6236, 0.3430



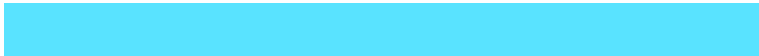
1.3124, 0.6044, 0.3583

Inverse Universe

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



68.7198, 0.2379, 0.3014



64.5029, 0.2276, 0.2949



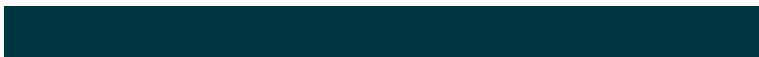
38.0242, 0.2200, 0.2150



19.9358, 0.2980, 0.3249



28.7003, 0.2097, 0.2749



2.9251, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 41.3005, 0.4597, 0.3527 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 41.3005, 0.4597, 0.3527 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 41.3005, 0.4597, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 41.3005, 0.4597, 0.3527.



This preview shows how white text looks on a background with the Yxy color 41.3005, 0.4597, 0.3527.

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

41.3005, 0.4597, 0.3527

Protanopia

41.4580, 0.3606, 0.3848

Deuteranopia

41.3455, 0.4028, 0.3955



Tritanopia

41.2579, 0.4287, 0.3190

Trichromacy



Original Color

41.3005, 0.4597, 0.3527

Protanomaly

40.3496, 0.3954, 0.3718

Deuteranomaly

40.8391, 0.4232, 0.3785

Tritanomaly

41.2145, 0.4405, 0.3314

Monochromacy



Original Color

41.3005, 0.4597, 0.3527

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9652, 0.3618, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3005, 0.4597, 0.3527 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, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 117)  
}
```

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, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 117) }
```

Border

The CSS property to change the border of an element to Yxy 41.3005, 0.4597, 0.3527 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, 140, 117) }
```

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

```
.border{ border-color:rgb(255, 140, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 117);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3005, 0.4597, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 117) }
```

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

```
.background{ background-color: rgb(255,  
140, 117) }
```

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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