

Converting Colors

$Y_{xy}(42.3448, 0.4339, 0.3539)$

Have a look what the booklet for
Yxy(42.3448, 0.4339, 0.3539)
contains.

Yxy(42.2603, 0.4337, 0.3532)	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(42.2603, 0.4337, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	F4957F
RGB	244, 149, 127
RGB Percent	96%, 58%, 50%
CMY	0.0430, 0.4157, 0.5020
CMYK	0.00, 0.39, 0.48, 0.04
HSL	11°, 84%, 73%
HSV	11°, 48%, 96%
XYZ	51.8921, 42.2603, 25.4974
YIQ	174.8970, 63.6820, 13.2980

Conversions

Conversions Part 2

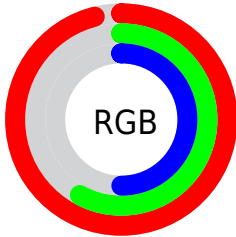
Format	Color
R_{YB}	244, 154, 127
Decimal	16029055
CIE _{Lab}	71.05, 33.44, 26.81
CIE _{LCh}	71, 42.861, 38.721
Yxy	42.2603, 0.4337, 0.3532
Android (android.graphics.Color)	4294219135 (0xFFFF4957F)
YUV	174.8970, -23.6132, 60.6033
Hunter-Lab	65.0079, 28.7225, 22.2509

Details

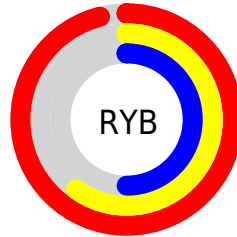
The Yxy color **42.2603, 0.4337, 0.3532** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2982, 0.2443, 0.3019**, and the grayscale version is **42.9141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.7410, 0.3715, 0.3541**, and **19.2898, 0.4681, 0.3553** is the 20% darker color. If you saturate the color by 10%, you get **35.9562, 0.4727, 0.3570**, and if you desaturate by 10%, it is **49.7893, 0.3994, 0.3484**.

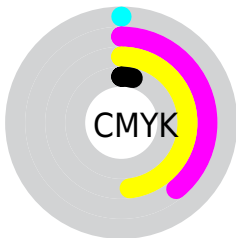
Distribution



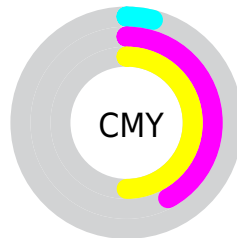
- Red (96%)
- Green (58%)
- Blue (50%)



- Red (96%)
- Yellow (60%)
- Blue (50%)



- Cyan (0%)
- Magenta (39%)
- Yellow (48%)
- Black (4%)




- Cyan (4%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2603, 0.4337, 0.3532 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 42.2603, 0.4337, 0.3532 by changing the saturation by 10% instead.


 42.2603, 0.4337,
0.3532

 42.2603, 0.4337,
0.3532


355.5608, 0.3718,
0.3440

 29.3052, 0.4493,
0.3545


 78.5934, 0.4110,
0.3506

 19.3118, 0.4692,
0.3554


 102.7402, 0.4026,
0.3494

 11.8958, 0.4954,
0.3556


 131.3863, 0.3954,
0.3483

 6.6728, 0.5311,
0.3535

164.9162, 0.3893,
0.3472

 3.2583, 0.5828,
0.3467

203.7142, 0.3840,
0.3463

 1.2680, 0.6694,
0.3306

248.1647, 0.3794,

 0.1162, 0.8889,

0.3455

0.1111

298.6521, 0.3754,
0.3447

0.0000, 0.0000,
0.0000

42.2603, 0.4337,
0.3532

42.2603, 0.4337,
0.3532

35.9562, 0.4727,
0.3570

49.7893, 0.3994,
0.3484

30.8054, 0.5148,
0.3587

58.5972, 0.3703,
0.3431

26.7383, 0.5563,
0.3576

68.7423, 0.3461,
0.3378

23.6753, 0.5923,
0.3531

80.2777, 0.3261,
0.3328

21.5227, 0.6179,
0.3456

93.2532, 0.3096,
0.3281

■ 21.1818, 0.6222,
0.3442

■ 97.9773, 0.3060,
0.3290

Harmonies

Analogous

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



42.2603, 0.4014, 0.3064



42.2603, 0.4337, 0.3532



42.2603, 0.4288, 0.3994

Triad

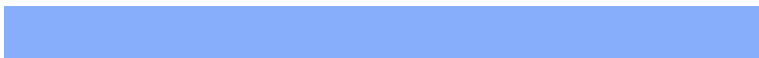
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42.2603, 0.4337, 0.3532



42.2603, 0.2754, 0.4061



42.2603, 0.2329, 0.2328

Complementary

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



42.2603, 0.4337, 0.3532



63.2982, 0.2443, 0.3019

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.



42.2603, 0.2068, 0.2471



42.2603, 0.4337, 0.3532



42.2603, 0.2288, 0.3448

Square

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



42.2603, 0.4337, 0.3532



42.2603, 0.3349, 0.4401



42.2603, 0.2052, 0.2856



42.2603, 0.2810, 0.2404

Rectangle

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



42.2603, 0.4337, 0.3532



42.2603, 0.4067, 0.4246



42.2603, 0.2052, 0.2856



42.2603, 0.2216, 0.2349

Sweetspot

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



42.2624, 0.4337, 0.3532



80.7894, 0.3378, 0.3358



39.7183, 0.3382, 0.2309



16.7178, 0.3423, 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.



42.2624, 0.4337, 0.3532



39.6253, 0.4735, 0.3570



65.3774, 0.4011, 0.4133



16.9865, 0.3289, 0.3335



11.6598, 0.6199, 0.3460



1.1591, 0.5974, 0.3639

Inverse Universe

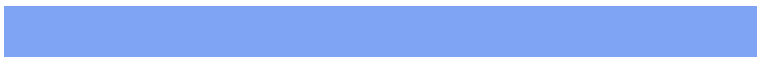
The Inverse Universe completely reimagines the original color for something new.



63.2982, 0.2443, 0.3019



65.3964, 0.2331, 0.2952



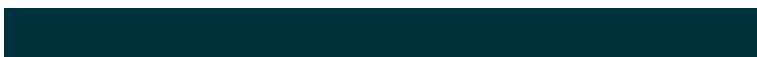
37.6139, 0.2300, 0.2255



18.1971, 0.2980, 0.3244



25.7341, 0.2077, 0.2676



2.3954, 0.2101, 0.2762

Previews

White Background



This preview shows how the Yxy color 42.2603, 0.4337, 0.3532 looks on a white background.

Color Contrast Check

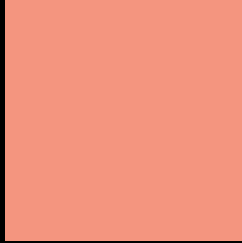
Large Text (above 18pt) WCAG AA × Fail

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 42.2603, 0.4337, 0.3532 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 42.2603, 0.4337, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 42.2603, 0.4337, 0.3532.



This preview shows how white text looks on a background with the Yxy color 42.2603, 0.4337, 0.3532.

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

42.2603, 0.4337, 0.3532

Protanopia

42.4214, 0.3538, 0.3778

Deuteranopia

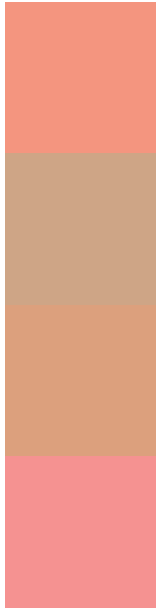
42.3581, 0.3908, 0.3833



Tritanopia

42.2439, 0.4066, 0.3173

Trichromacy



Original Color

42.2603, 0.4337, 0.3532

Protanomaly

41.7533, 0.3814, 0.3685

Deuteranomaly

41.8379, 0.4063, 0.3713

Tritanomaly

42.0146, 0.4172, 0.3304

Monochromacy



Original Color

42.2603, 0.4337, 0.3532

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.0204, 0.3524, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2603, 0.4337, 0.3532 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(244, 149, 127)` looks like.

```
.text, #text, p{  
    color:rgb(244, 149, 127)  
}
```

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(244, 149, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 149, 127) }
```

Border

The CSS property to change the border of an element to Yxy 42.2603, 0.4337, 0.3532 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(244, 149, 127) }
```

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

```
.border{ border-color:rgb(244, 149, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 149, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 149, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 149, 127);  
box-shadow:4px 4px 4px 4px rgb(244, 149,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2603, 0.4337, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 149, 127) }
```

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

```
.background{ background-color: rgb(244,  
149, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor