

Converting Colors

$Yxy(41.3819, 0.4385, 0.3571)$

Have a look what the booklet for
Yxy(41.3819, 0.4385, 0.3571)
contains.

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Color

Yxy(41.3273, 0.4391, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	F3937A
RGB	243, 147, 122
RGB Percent	95%, 58%, 48%
CMY	0.0470, 0.4236, 0.5215
CMYK	0.00, 0.40, 0.50, 0.05
HSL	12°, 83%, 72%
HSV	12°, 50%, 95%
XYZ	50.9170, 41.3273, 23.7133
YIQ	172.8540, 65.2410, 12.5770

Conversions

Conversions Part 2

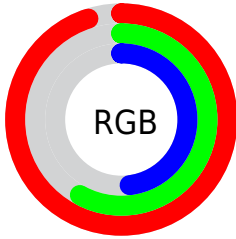
Format	Color
R_{YB}	243, 154, 122
Decimal	15963002
CIE _{Lab}	70.40, 33.65, 28.64
CIE _{LCh}	70, 44.187, 40.408
Yxy	41.3273, 0.4391, 0.3564
Android (android.graphics.Color)	4294153082 (0xFFFF3937A)
YUV	172.8540, -25.0710, 61.5180
Hunter-Lab	64.2863, 28.8772, 23.1301

Details

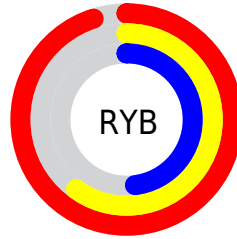
The Yxy color **41.3273, 0.4391, 0.3564** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7876, 0.2416, 0.2979**, and the grayscale version is **41.8178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5962, 0.3760, 0.3573**, and **18.7327, 0.4758, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **35.2965, 0.4781, 0.3603**, and if you desaturate by 10%, it is **48.5187, 0.4045, 0.3512**.

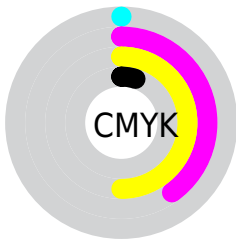
Distribution



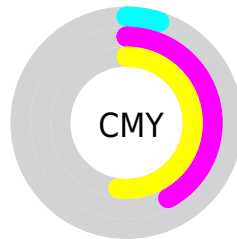
- Red (95%)
- Green (58%)
- Blue (48%)



- Red (95%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (40%)
- Yellow (50%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3273, 0.4391, 0.3564 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 41.3273, 0.4391, 0.3564 by changing the saturation by 10% instead.

 41.3273, 0.4391,
0.3564


 41.3273, 0.4391,
0.3564


351.6867, 0.3743,
0.3458


 28.5749, 0.4554,
0.3579


 77.1805, 0.4154,
0.3534

 18.7595, 0.4762,
0.3590


 101.0501, 0.4065,
0.3520

 11.4966, 0.5036,
0.3591


 129.3942, 0.3990,
0.3507

 6.4019, 0.5405,
0.3567

162.5973, 0.3926,
0.3496

 3.0910, 0.5973,
0.3509

201.0437, 0.3871,
0.3485

 1.1794, 0.6740,
0.3260

245.1178, 0.3823,

 0.0448, 0.9507,

0.3475

0.0493

295.2040, 0.3781,
0.3466

0.0000, 0.0000,
0.0000

41.3273, 0.4391,
0.3564

41.3273, 0.4391,
0.3564

35.2965, 0.4781,
0.3603

48.5187, 0.4045,
0.3512

30.3583, 0.5197,
0.3619

56.9213, 0.3748,
0.3455

26.4475, 0.5600,
0.3602

66.5902, 0.3500,
0.3397

23.4885, 0.5942,
0.3549

77.5753, 0.3294,
0.3341

21.3888, 0.6185,
0.3469

89.9239, 0.3124,
0.3289

■ 21.3527, 0.6190,
0.3467

■ 97.7996, 0.3054,
0.3290

Harmonies

Analogous

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



41.3273, 0.4077, 0.3080



41.3273, 0.4391, 0.3564



41.3273, 0.4316, 0.4039

Triad

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



41.3273, 0.4391, 0.3564



41.3273, 0.2706, 0.4063



41.3273, 0.2323, 0.2294

Complementary

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



41.3273, 0.4391, 0.3564



60.7876, 0.2416, 0.2979

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.



41.3273, 0.2041, 0.2426



41.3273, 0.4391, 0.3564



41.3273, 0.2237, 0.3415

Square

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



41.3273, 0.4391, 0.3564



41.3273, 0.3319, 0.4439



41.3273, 0.2009, 0.2808



41.3273, 0.2831, 0.2385

Rectangle

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



41.3273, 0.4391, 0.3564



41.3273, 0.4074, 0.4297



41.3273, 0.2009, 0.2808



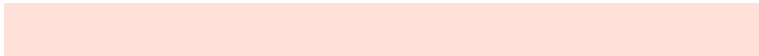
41.3273, 0.2203, 0.2311

Sweetspot

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



41.3294, 0.4391, 0.3564



79.9135, 0.3397, 0.3370



38.0901, 0.3414, 0.2294



16.5594, 0.3442, 0.3382



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.



41.3294, 0.4391, 0.3564



39.1497, 0.4796, 0.3604



64.9586, 0.4038, 0.4182



17.0363, 0.3289, 0.3340



11.8702, 0.6166, 0.3486



1.1845, 0.5935, 0.3670

Inverse Universe

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



60.7876, 0.2416, 0.2979



63.0524, 0.2303, 0.2903



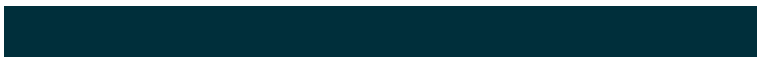
35.1770, 0.2262, 0.2180



18.1432, 0.2980, 0.3240



24.6514, 0.2059, 0.2613



2.3094, 0.2085, 0.2707

Previews

White Background



This preview shows how the Yxy color 41.3273, 0.4391, 0.3564 looks on a white background.

Color Contrast Check

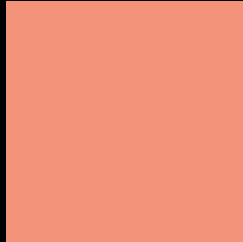
Large Text (above 18pt) WCAG AA × Fail

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 41.3273, 0.4391, 0.3564 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 41.3273, 0.4391, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 41.3273, 0.4391, 0.3564.



This preview shows how white text looks on a background with the Yxy color 41.3273, 0.4391, 0.3564.

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

41.3273, 0.4391, 0.3564

Protanopia

41.3889, 0.3579, 0.3822

Deuteranopia

41.3640, 0.3954, 0.3873



Tritanopia

41.3573, 0.4098, 0.3184

Trichromacy



Original Color

41.3273, 0.4391, 0.3564

Protanomaly

40.7585, 0.3861, 0.3725

Deuteranomaly

40.8699, 0.4113, 0.3750

Tritanomaly

41.1326, 0.4204, 0.3315

Monochromacy



Original Color

41.3273, 0.4391, 0.3564

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8898, 0.3547, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3273, 0.4391, 0.3564 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(243, 147, 122)` looks like.

```
.text, #text, p{  
    color:rgb(243, 147, 122)  
}
```

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(243, 147, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 147, 122) }
```

Border

The CSS property to change the border of an element to Yxy 41.3273, 0.4391, 0.3564 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(243, 147, 122) }
```

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

```
.border{ border-color:rgb(243, 147, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 147, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 147, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 147, 122);  
box-shadow:4px 4px 4px 4px rgb(243, 147,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3273, 0.4391, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 147, 122) }
```

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

```
.background{ background-color: rgb(243,  
147, 122) }
```

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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