

Converting Colors

$Y_{xy}(41.2430, 0.4339, 0.3455)$

Have a look what the booklet for
Yxy(41.2430, 0.4339, 0.3455)
contains.

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Color

Yxy(41.2750, 0.4338, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	F59182
RGB	245, 145, 130
RGB Percent	96%, 57%, 51%
CMY	0.0392, 0.4313, 0.4903
CMYK	0.00, 0.41, 0.47, 0.04
HSL	8°, 85%, 74%
HSV	8°, 47%, 96%
XYZ	51.8087, 41.2750, 26.3463
YIQ	173.1900, 64.4150, 16.5350

Conversions

Conversions Part 2

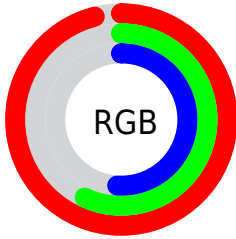
Format	Color
R _Y B	245, 147, 130
Decimal	16093570
CIE Lab	70.37, 36.16, 24.28
CIE LCh	70, 43.557, 33.882
Yxy	41.2750, 0.4338, 0.3456
Android (android.graphics.Color)	4294283650 (0xFFFF59182)
YUV	173.1900, -21.2927, 62.9774
Hunter-Lab	64.2456, 31.5155, 20.6579

Details

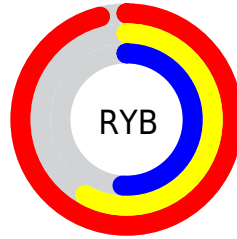
The Yxy color **41.2750, 0.4338, 0.3456** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9083, 0.2470, 0.3108**, and the grayscale version is **41.9779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9875, 0.3703, 0.3468**, and **18.7371, 0.4687, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **34.7853, 0.4745, 0.3482**, and if you desaturate by 10%, it is **49.1454, 0.3984, 0.3422**.

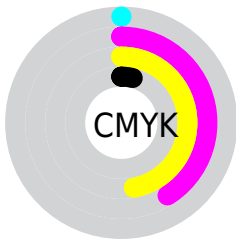
Distribution



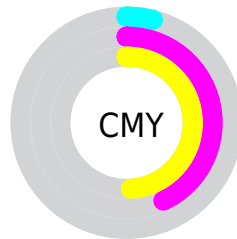
- Red (96%)
- Green (57%)
- Blue (51%)



- Red (96%)
- Yellow (58%)
- Blue (51%)



- Cyan (0%)
- Magenta (41%)
- Yellow (47%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2750, 0.4338, 0.3456 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 41.2750, 0.4338, 0.3456 by changing the saturation by 10% instead.


 41.2750, 0.4338,
0.3456

 41.2750, 0.4338,
0.3456


351.4687, 0.3715,
0.3400

 28.5340, 0.4496,
0.3460


 77.1012, 0.4109,
0.3443

 18.7286, 0.4699,
0.3459


 100.9552, 0.4024,
0.3436

 11.4743, 0.4968,
0.3447


 129.2823, 0.3952,
0.3429

 6.3868, 0.5337,
0.3410

162.4669, 0.3891,
0.3422

 3.0817, 0.5871,
0.3314

200.8935, 0.3838,
0.3416

 1.1745, 0.6852,
0.3148

244.9464, 0.3792,

 0.0408, 0.9578,

0.3410

0.0422

295.0100, 0.3751,
0.3405

0.0000, 0.0000,
0.0000

41.2750, 0.4338,
0.3456

41.2750, 0.4338,
0.3456

34.7853, 0.4745,
0.3482

49.1454, 0.3984,
0.3422

29.5905, 0.5187,
0.3494

58.4635, 0.3687,
0.3385

25.6048, 0.5623,
0.3483

69.2993, 0.3443,
0.3348

22.7292, 0.5995,
0.3448

81.7165, 0.3244,
0.3313

20.8484, 0.6248,
0.3392

95.7752, 0.3081,
0.3280

■ 20.4463, 0.6304,
0.3377

■ 98.1519, 0.3066,
0.3290

Harmonies

Analogous

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



41.2750, 0.3952, 0.2986



41.2750, 0.4338, 0.3456



41.2750, 0.4348, 0.3935

Triad

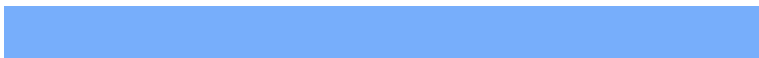
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.2750, 0.4338, 0.3456



41.2750, 0.2837, 0.4164



41.2750, 0.2253, 0.2314

Complementary

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



41.2750, 0.4338, 0.3456



67.9083, 0.2470, 0.3108

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.



41.2750, 0.2026, 0.2498



41.2750, 0.4338, 0.3456



41.2750, 0.2331, 0.3559

Square

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



41.2750, 0.4338, 0.3456



41.2750, 0.3452, 0.4446



41.2750, 0.2050, 0.2930



41.2750, 0.2710, 0.2359

Rectangle

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



41.2750, 0.4338, 0.3456



41.2750, 0.4154, 0.4211



41.2750, 0.2050, 0.2930



41.2750, 0.2150, 0.2349

Sweetspot

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



41.2771, 0.4338, 0.3456



79.6837, 0.3381, 0.3338



41.1728, 0.3302, 0.2261



16.4520, 0.3427, 0.3345



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.



41.2771, 0.4338, 0.3456



38.6311, 0.4710, 0.3480



62.7521, 0.4029, 0.4043



16.8316, 0.3290, 0.3322



11.1250, 0.6285, 0.3391



1.0856, 0.6093, 0.3544

Inverse Universe

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



67.9083, 0.2470, 0.3108



70.8609, 0.2373, 0.3066



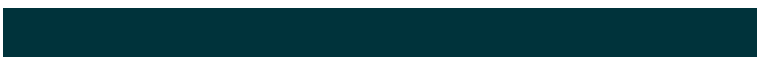
41.6342, 0.2337, 0.2383



18.3665, 0.2981, 0.3258



29.3276, 0.2131, 0.2871



2.6783, 0.2147, 0.2929

Previews

White Background



This preview shows how the Yxy color 41.2750, 0.4338, 0.3456 looks on a white background.

Color Contrast Check

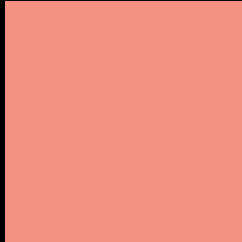
Large Text (above 18pt) WCAG AA × Fail

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 41.2750, 0.4338, 0.3456 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 41.2750, 0.4338, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 41.2750, 0.4338, 0.3456.



This preview shows how white text looks on a background with the Yxy color 41.2750, 0.4338, 0.3456.

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

41.2750, 0.4338, 0.3456

Protanopia

41.4333, 0.3471, 0.3687

Deuteranopia

41.2540, 0.3870, 0.3790



Tritanopia

41.3872, 0.4132, 0.3185

Trichromacy



Original Color

41.2750, 0.4338, 0.3456

Protanomaly

40.6548, 0.3778, 0.3598

Deuteranomaly

41.0461, 0.4044, 0.3667

Tritanomaly

41.2514, 0.4206, 0.3282

Monochromacy



Original Color

41.2750, 0.4338, 0.3456

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7708, 0.3531, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2750, 0.4338, 0.3456 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(245, 145, 130)` looks like.

```
.text, #text, p{  
    color:rgb(245, 145, 130)  
}
```

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(245, 145, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 145, 130) }
```

Border

The CSS property to change the border of an element to Yxy 41.2750, 0.4338, 0.3456 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(245, 145, 130) }
```

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

```
.border{ border-color:rgb(245, 145, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 145, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 145, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 145, 130);  
box-shadow:4px 4px 4px 4px rgb(245, 145,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2750, 0.4338, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 145, 130) }
```

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

```
.background{ background-color: rgb(245,  
145, 130) }
```

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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