

Converting Colors

$Y_{xy}(44.1307, 0.4323, 0.3520)$

Have a look what the booklet for
Yxy(44.1307, 0.4323, 0.3520)
contains.

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Color

Yxy(44.2349, 0.4325, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	F99883
RGB	249, 152, 131
RGB Percent	98%, 60%, 51%
CMY	0.0234, 0.4039, 0.4863
CMYK	0.00, 0.39, 0.47, 0.02
HSL	11°, 91%, 75%
HSV	11°, 47%, 98%
XYZ	54.3975, 44.2349, 27.1421
YIQ	178.6090, 64.5530, 14.0330

Conversions

Conversions Part 2

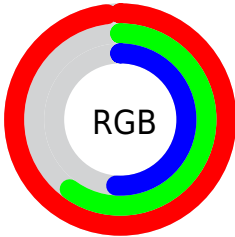
Format	Color
R_{YB}	249, 157, 131
Decimal	16357507
CIE Lab	72.39, 34.16, 26.52
CIE LCh	72, 43.243, 37.823
Yxy	44.2349, 0.4325, 0.3517
Android (android.graphics.Color)	4294547587 (0xFFFF99883)
YUV	178.6090, -23.4712, 61.7329
Hunter-Lab	66.5093, 29.6025, 22.3606

Details

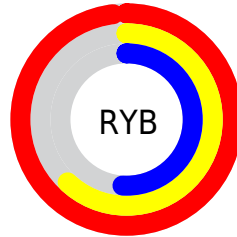
The Yxy color **44.2349, 0.4325, 0.3517** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.1657, 0.2452, 0.3037**, and the grayscale version is **44.9627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3463, 0.3675, 0.3529**, and **20.5272, 0.4670, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **37.5598, 0.4717, 0.3553**, and if you desaturate by 10%, it is **52.2236, 0.3982, 0.3471**.

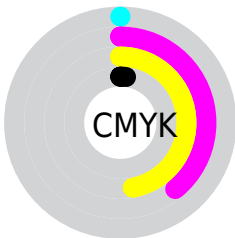
Distribution



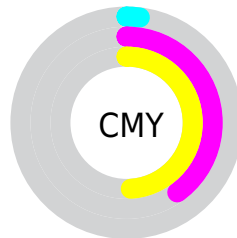
- Red (98%)
- Green (60%)
- Blue (51%)



- Red (98%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2349, 0.4325, 0.3517 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 44.2349, 0.4325, 0.3517 by changing the saturation by 10% instead.


 44.2349, 0.4325,
0.3517

 44.2349, 0.4325,
0.3517

363.6660, 0.3717,
0.3432

 30.8552, 0.4477,
0.3528


 81.5711, 0.4103,
0.3493

 20.4886, 0.4671,
0.3536


 106.2964, 0.4020,
0.3482

 12.7507, 0.4924,
0.3537


 135.5724, 0.3950,
0.3472

 7.2571, 0.5268,
0.3516

169.7834, 0.3890,
0.3463

 3.6234, 0.5751,
0.3446

209.3139, 0.3838,
0.3454

 1.4652, 0.6655,
0.3345

254.5482, 0.3792,

 0.2641, 0.8077,

0.3446

0.1923

305.8708, 0.3752,
0.3439

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.2349, 0.4325,
0.3517

44.2349, 0.4325,
0.3517

37.5598, 0.4717,
0.3553

52.2236, 0.3982,
0.3471

32.1208, 0.5142,
0.3570

61.5844, 0.3691,
0.3421

27.8426, 0.5563,
0.3560

72.3806, 0.3450,
0.3371

24.6386, 0.5928,
0.3517

84.6693, 0.3251,
0.3323

■ 22.4082, 0.6187,
0.3446

■ 98.4720, 0.3091,
0.3284

■ 21.9679, 0.6239,
0.3428

■ 98.8837, 0.3090,
0.3290

Harmonies

Analogous

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



44.2349, 0.3994, 0.3052



44.2349, 0.4325, 0.3517



44.2349, 0.4287, 0.3977

Triad

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



44.2349, 0.4325, 0.3517



44.2349, 0.2773, 0.4071



44.2349, 0.2323, 0.2334

Complementary

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



44.2349, 0.4325, 0.3517



67.1657, 0.2452, 0.3037

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.



44.2349, 0.2070, 0.2484



44.2349, 0.4325, 0.3517



44.2349, 0.2304, 0.3467

Square

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



44.2349, 0.4325, 0.3517



44.2349, 0.3366, 0.4398



44.2349, 0.2061, 0.2874



44.2349, 0.2796, 0.2404

Rectangle

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



44.2349, 0.4325, 0.3517



44.2349, 0.4074, 0.4232



44.2349, 0.2061, 0.2874



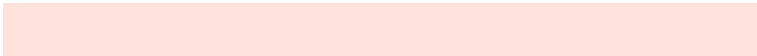
44.2349, 0.2212, 0.2358

Sweetspot

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



44.2371, 0.4325, 0.3517



80.5937, 0.3378, 0.3354



42.0522, 0.3360, 0.2302



16.6707, 0.3423, 0.3365



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.



44.2371, 0.4325, 0.3517



39.8487, 0.4704, 0.3552



67.7177, 0.4011, 0.4106



17.7244, 0.3290, 0.3333



11.9002, 0.6217, 0.3446



1.2352, 0.6008, 0.3611

Inverse Universe

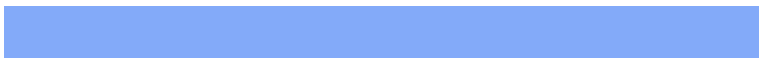
The Inverse Universe completely reimagines the original color for something new.



67.1657, 0.2452, 0.3037



66.6289, 0.2345, 0.2977



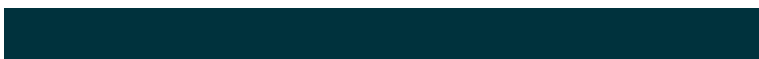
40.5424, 0.2314, 0.2294



19.0523, 0.2980, 0.3247



27.1463, 0.2086, 0.2710



2.6470, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 44.2349, 0.4325, 0.3517 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 44.2349, 0.4325, 0.3517 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 44.2349, 0.4325, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 44.2349, 0.4325, 0.3517.



This preview shows how white text looks on a background with the Yxy color 44.2349, 0.4325, 0.3517.

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

44.2349, 0.4325, 0.3517

Protanopia

44.6428, 0.3521, 0.3755

Deuteranopia

44.1568, 0.3896, 0.3811



Tritanopia

44.1922, 0.4069, 0.3175

Trichromacy



Original Color

44.2349, 0.4325, 0.3517

Protanomaly

44.0889, 0.3799, 0.3664

Deuteranomaly

43.7869, 0.4057, 0.3693

Tritanomaly

43.9888, 0.4162, 0.3293

Monochromacy



Original Color

44.2349, 0.4325, 0.3517

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.8219, 0.3517, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2349, 0.4325, 0.3517 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(249, 152, 131)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 131)  
}
```

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(249, 152, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.2349, 0.4325, 0.3517 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(249, 152, 131) }
```

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

```
.border{ border-color:rgb(249, 152, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 152, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 131);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2349, 0.4325, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 131) }
```

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

```
.background{ background-color: rgb(249,  
152, 131) }
```

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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