

Converting Colors

$Y_{xy}(44.3143, 0.4078, 0.3325)$

Have a look what the booklet for
Yxy(44.3143, 0.4078, 0.3325)
contains.

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Color

Yxy(44.2176, 0.4077, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	F49996
RGB	244, 153, 150
RGB Percent	96%, 60%, 59%
CMY	0.0432, 0.4000, 0.4118
CMYK	0.00, 0.37, 0.39, 0.04
HSL	2°, 81%, 77%
HSV	2°, 39%, 96%
XYZ	54.2018, 44.2176, 34.5259
YIQ	179.8670, 55.1990, 18.3590

Conversions

Conversions Part 2

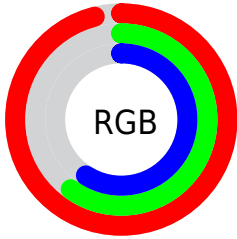
Format	Color
R _Y B	244, 153, 150
Decimal	16030102
CIE Lab	72.37, 33.71, 15.99
CIE LCh	72, 37.308, 25.372
Yxy	44.2176, 0.4077, 0.3326
Android (android.graphics.Color)	4294220182 (0xFFFF49996)
YUV	179.8670, -14.7244, 56.2446
Hunter-Lab	66.4963, 29.1285, 15.7632

Details

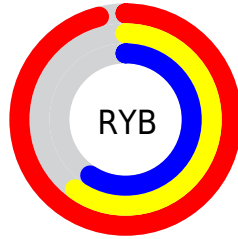
The Yxy color **44.2176, 0.4077, 0.3326** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.9053, 0.2587, 0.3253**, and the grayscale version is **45.6261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7314, 0.3519, 0.3332**, and **20.5225, 0.4356, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **36.5331, 0.4468, 0.3335**, and if you desaturate by 10%, it is **53.5996, 0.3751, 0.3316**.

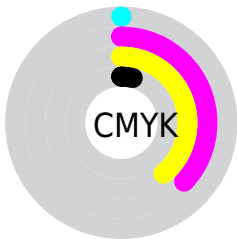
Distribution



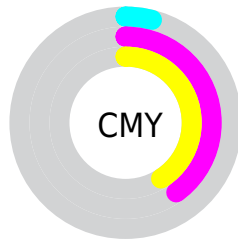
- Red (96%)
- Green (60%)
- Blue (59%)



- Red (96%)
- Yellow (60%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (39%)
- Black (4%)





- Cyan (4%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2176, 0.4077, 0.3326 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 44.2176, 0.4077, 0.3326 by changing the saturation by 10% instead.


 44.2176, 0.4077,
0.3326

 44.2176, 0.4077,
0.3326

363.5955, 0.3593,
0.3324

 30.8416, 0.4200,
0.3322


 81.5451, 0.3900,
0.3329

 20.4783, 0.4358,
0.3313


 106.2654, 0.3833,
0.3329

 12.7432, 0.4568,
0.3296


135.5359, 0.3778,
0.3328

 7.2519, 0.4861,
0.3263

169.7410, 0.3730,
0.3328

 3.6202, 0.5292,
0.3192

209.2651, 0.3689,
0.3327

 1.4634, 0.6111,
0.3097

254.4926, 0.3653,

 0.2628, 0.8064,

0.3326

0.1936

305.8080, 0.3621,
0.3325

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.2176, 0.4077,
0.3326

44.2176, 0.4077,
0.3326

36.5331, 0.4468,
0.3335

53.5996, 0.3751,
0.3316

30.4387, 0.4917,
0.3341

64.7651, 0.3487,
0.3307

25.8249, 0.5393,
0.3342

77.8023, 0.3275,
0.3297

22.5658, 0.5839,
0.3338

92.7914, 0.3104,
0.3289

■ 20.5143, 0.6180,
0.3326

■ 97.9719, 0.3060,
0.3290

■ 19.4867, 0.6366,
0.3313

■ 19.4024, 0.6384,
0.3313

Harmonies

Analogous

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



44.2176, 0.3684, 0.2931



44.2176, 0.4077, 0.3326



44.2176, 0.4184, 0.3742

Triad

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



44.2176, 0.4077, 0.3326



44.2176, 0.3036, 0.4110



44.2176, 0.2306, 0.2485

Complementary

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



44.2176, 0.4077, 0.3326



75.9053, 0.2587, 0.3253

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.



44.2176, 0.2170, 0.2711



44.2176, 0.4077, 0.3326



44.2176, 0.2564, 0.3671

Square

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



44.2176, 0.4077, 0.3326



44.2176, 0.3556, 0.4255



44.2176, 0.2257, 0.3136



44.2176, 0.2649, 0.2464

Rectangle

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



44.2176, 0.4077, 0.3326



44.2176, 0.4080, 0.3990



44.2176, 0.2257, 0.3136



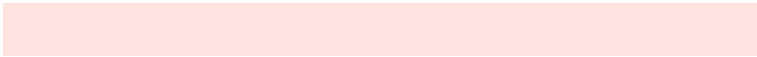
44.2176, 0.2236, 0.2537

Sweetspot

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



44.2198, 0.4077, 0.3326



80.7223, 0.3344, 0.3300



47.4766, 0.3185, 0.2352



16.8691, 0.3371, 0.3302



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.



44.2198, 0.4077, 0.3326



42.2766, 0.4367, 0.3333



62.0765, 0.3880, 0.3815



16.5679, 0.3293, 0.3298



10.5880, 0.6378, 0.3318



0.9601, 0.6319, 0.3364

Inverse Universe

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



75.9053, 0.2587, 0.3253



81.7325, 0.2504, 0.3245



52.2339, 0.2503, 0.2694



18.6609, 0.2981, 0.3282



36.2581, 0.2219, 0.3189



3.2150, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 44.2176, 0.4077, 0.3326 looks on a white background.

Color Contrast Check

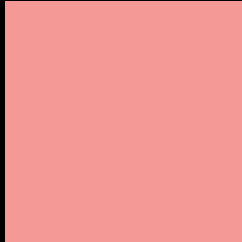
Large Text (above 18pt) WCAG AA × Fail

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 44.2176, 0.4077, 0.3326 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 44.2176, 0.4077, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 44.2176, 0.4077, 0.3326.



This preview shows how white text looks on a background with the Yxy color 44.2176, 0.4077, 0.3326.

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

44.2176, 0.4077, 0.3326

Protanopia

44.3672, 0.3323, 0.3490

Deuteranopia

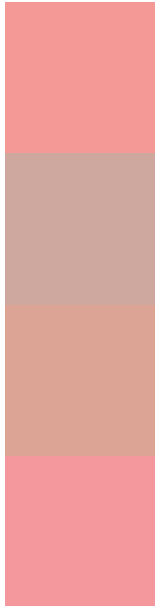
44.3542, 0.3669, 0.3594



Tritanopia

44.1543, 0.3969, 0.3172

Trichromacy



Original Color

44.2176, 0.4077, 0.3326

Protanomaly

43.5957, 0.3576, 0.3417

Deuteranomaly

43.9047, 0.3820, 0.3485

Tritanomaly

44.3376, 0.4007, 0.3227

Monochromacy



Original Color

44.2176, 0.4077, 0.3326

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3105, 0.3442, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2176, 0.4077, 0.3326 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, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(244, 153, 150)  
}
```

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, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 153, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.2176, 0.4077, 0.3326 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, 153, 150) }
```

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

```
.border{ border-color:rgb(244, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 153, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 153, 150); box-shadow:4px 4px 4px 4px rgb(244, 153, 150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2176, 0.4077, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 153, 150) }
```

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

```
.background{ background-color: rgb(244,  
153, 150) }
```

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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