

Converting Colors

$Y_{xy}(44.1602, 0.4020, 0.3441)$

Have a look what the booklet for
Yxy(44.1602, 0.4020, 0.3441)
contains.

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Color

Yxy(44.1602, 0.4020, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	EB9E91
RGB	235, 158, 145
RGB Percent	92%, 62%, 57%
CMY	0.0785, 0.3803, 0.4314
CMYK	0.00, 0.33, 0.38, 0.08
HSL	9°, 69%, 75%
HSV	9°, 38%, 92%
XYZ	51.5908, 44.1602, 32.5843
YIQ	179.5410, 50.0650, 12.2810

Conversions

Conversions Part 2

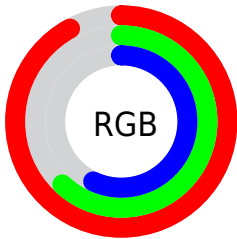
Format	Color
R _Y B	235, 160, 145
Decimal	15441553
CIE Lab	72.34, 27.11, 18.53
CIE LCh	72, 32.833, 34.350
Yxy	44.1602, 0.4020, 0.3441
Android (android.graphics.Color)	4293631633 (0xFFEB9E91)
YUV	179.5410, -17.0287, 48.6375
Hunter-Lab	66.4531, 22.2853, 17.4452

Details

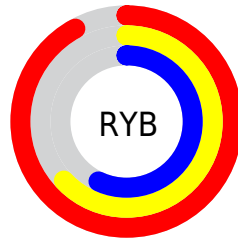
The Yxy color **44.1602, 0.4020, 0.3441** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2213, 0.2572, 0.3130**, and the grayscale version is **45.4564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9720, 0.3546, 0.3435**, and **20.4814, 0.4277, 0.3455** is the 20% darker color. If you saturate the color by 10%, you get **37.2066, 0.4376, 0.3478**, and if you desaturate by 10%, it is **52.3887, 0.3720, 0.3400**.

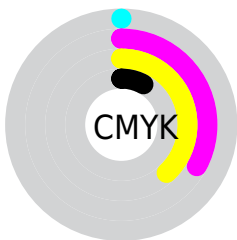
Distribution



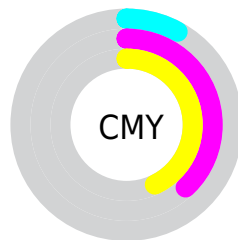
- Red (92%)
- Green (62%)
- Blue (57%)



- Red (92%)
- Yellow (63%)
- Blue (57%)



- Cyan (0%)
- Magenta (33%)
- Yellow (38%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1602, 0.4020, 0.3441 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 44.1602, 0.4020, 0.3441 by changing the saturation by 10% instead.


 44.1602, 0.4020,
0.3441


 44.1602, 0.4020,
0.3441


363.3616, 0.3565,
0.3380

 30.7965, 0.4135,
0.3451


 81.4588, 0.3853,
0.3423

 20.4439, 0.4284,
0.3461


 106.1624, 0.3791,
0.3415

 12.7181, 0.4482,
0.3468


135.4147, 0.3738,
0.3407

 7.2347, 0.4757,
0.3467

169.6002, 0.3694,
0.3401

 3.6093, 0.5161,
0.3442

209.1033, 0.3655,
0.3395

 1.4575, 0.6051,
0.3490

254.3083, 0.3621,

 0.2585, 0.7786,

0.3390

0.2214

305.5996, 0.3591,
0.3385

0.0000, 0.0000,
0.0000

44.1602, 0.4020,
0.3441

44.1602, 0.4020,
0.3441

37.2066, 0.4376,
0.3478

52.3887, 0.3720,
0.3400

31.4576, 0.4782,
0.3506

61.9447, 0.3471,
0.3359

26.8462, 0.5220,
0.3517

72.8860, 0.3268,
0.3320

23.2960, 0.5647,
0.3503

85.2647, 0.3101,
0.3284

20.7209, 0.6007,
0.3463

96.3976, 0.3005,
0.3290

■ 19.0188, 0.6251,
0.3402

■ 18.8045, 0.6283,
0.3393

Harmonies

Analogous

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



44.1602, 0.3741, 0.3074



44.1602, 0.4020, 0.3441



44.1602, 0.4033, 0.3802

Triad

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



44.1602, 0.4020, 0.3441



44.1602, 0.2916, 0.3911



44.1602, 0.2471, 0.2550

Complementary

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



44.1602, 0.4020, 0.3441



64.2213, 0.2572, 0.3130

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.



44.1602, 0.2290, 0.2701



44.1602, 0.4020, 0.3441



44.1602, 0.2530, 0.3486

Square

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



44.1602, 0.4020, 0.3441



44.1602, 0.3377, 0.4127



44.1602, 0.2309, 0.3032



44.1602, 0.2828, 0.2580

Rectangle

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



44.1602, 0.4020, 0.3441



44.1602, 0.3896, 0.3996



44.1602, 0.2309, 0.3032



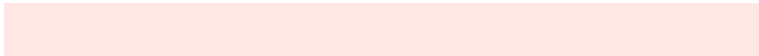
44.1602, 0.2390, 0.2579

Sweetspot

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



44.1623, 0.4020, 0.3441



83.9633, 0.3320, 0.3331



43.2288, 0.3278, 0.2456



17.5799, 0.3346, 0.3336



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.



44.1623, 0.4020, 0.3441



46.4285, 0.4297, 0.3471



61.9311, 0.3829, 0.3921



15.4061, 0.3289, 0.3325



10.5791, 0.6264, 0.3408



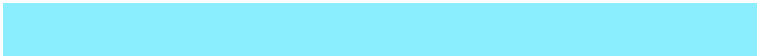
0.9403, 0.6036, 0.3589

Inverse Universe

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



64.2213, 0.2572, 0.3130



73.7481, 0.2476, 0.3092



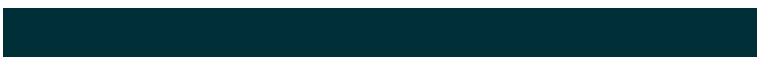
43.8466, 0.2487, 0.2561



16.7281, 0.2981, 0.3255



26.7192, 0.2118, 0.2824



2.1998, 0.2138, 0.2895

Previews

White Background



This preview shows how the Yxy color 44.1602, 0.4020, 0.3441 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 44.1602, 0.4020, 0.3441 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 44.1602, 0.4020, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 44.1602, 0.4020, 0.3441.



This preview shows how white text looks on a background with the Yxy color 44.1602, 0.4020, 0.3441.

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

44.1602, 0.4020, 0.3441

Protanopia

44.2165, 0.3401, 0.3597

Deuteranopia

44.3744, 0.3716, 0.3643



Tritanopia

44.2372, 0.3827, 0.3157

Trichromacy



Original Color

44.1602, 0.4020, 0.3441

Protanomaly

43.8212, 0.3616, 0.3532

Deuteranomaly

44.0378, 0.3822, 0.3560

Tritanomaly

44.1130, 0.3895, 0.3258

Monochromacy



Original Color

44.1602, 0.4020, 0.3441

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5744, 0.3428, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1602, 0.4020, 0.3441 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(235, 158, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 158, 145)  
}
```

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(235, 158, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 158, 145) }
```

Border

The CSS property to change the border of an element to Yxy 44.1602, 0.4020, 0.3441 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(235, 158, 145) }
```

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

```
.border{ border-color:rgb(235, 158, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 158, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 158,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1602, 0.4020, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 158, 145) }
```

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

```
.background{ background-color: rgb(235,  
158, 145) }
```

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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