

Converting Colors

$Y_{xy}(43.1071, 0.4208, 0.3712)$

Have a look what the booklet for
Yxy(43.1071, 0.4208, 0.3712)
contains.

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Color

Yxy(43.1903, 0.4204, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	E79F7A
RGB	231, 159, 122
RGB Percent	91%, 62%, 48%
CMY	0.0942, 0.3764, 0.5215
CMYK	0.00, 0.31, 0.47, 0.09
HSL	20°, 69%, 69%
HSV	20°, 47%, 91%
XYZ	48.8622, 43.1903, 24.1754
YIQ	176.3100, 54.7890, 3.7570

Conversions

Conversions Part 2

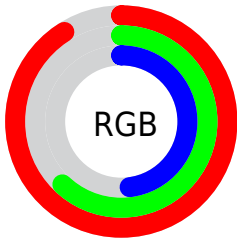
Format	Color
R_{YB}	231, 178, 122
Decimal	15179642
CIE _{Lab}	71.68, 22.59, 30.07
CIE _{LCh}	72, 37.615, 53.082
Yxy	43.1903, 0.4204, 0.3716
Android (android.graphics.Color)	4293369722 (0xFFE79F7A)
YUV	176.3100, -26.7748, 47.9631
Hunter-Lab	65.7193, 17.7057, 24.1932

Details

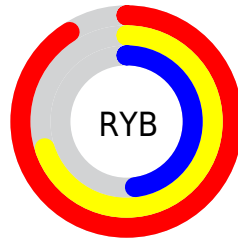
The Yxy color **43.1903, 0.4204, 0.3716** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.4796, 0.2413, 0.2803**, and the grayscale version is **43.7086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4483, 0.3723, 0.3693**, and **19.8807, 0.4516, 0.3789** is the 20% darker color. If you saturate the color by 10%, you get **37.7589, 0.4532, 0.3792**, and if you desaturate by 10%, it is **49.4095, 0.3909, 0.3627**.

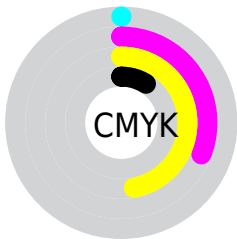
Distribution



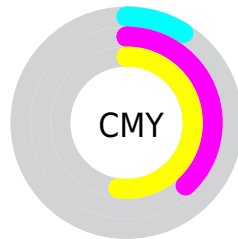
- Red (91%)
- Green (62%)
- Blue (48%)



- Red (91%)
- Yellow (70%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (9%)





- Cyan (9%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1903, 0.4204, 0.3716 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 43.1903, 0.4204, 0.3716 by changing the saturation by 10% instead.


 43.1903, 0.4204,
0.3716


 43.1903, 0.4204,
0.3716


359.3938, 0.3657,
0.3526

 30.0345, 0.4340,
0.3754


 79.9980, 0.4005,
0.3654

 19.8647, 0.4513,
0.3796


 104.4185, 0.3930,
0.3628

 12.2968, 0.4739,
0.3841


 133.3629, 0.3867,
0.3606

 6.9461, 0.5042,
0.3880

167.2153, 0.3813,
0.3586

 3.4284, 0.5501,
0.3915

206.3602, 0.3766,
0.3569

 1.3593, 0.6152,
0.3848

251.1820, 0.3725,

 0.1864, 0.7963,

0.3553

0.2037

302.0650, 0.3689,
0.3539

0.0000, 0.0000,
0.0000

43.1903, 0.4204,
0.3716

43.1903, 0.4204,
0.3716

37.7589, 0.4532,
0.3792

49.4095, 0.3909,
0.3627

33.0757, 0.4883,
0.3842

56.4413, 0.3652,
0.3533

29.1067, 0.5235,
0.3855

64.3171, 0.3432,
0.3440

25.8125, 0.5557,
0.3820

73.0645, 0.3244,
0.3351

23.1474, 0.5820,
0.3736

82.7102, 0.3085,
0.3267

■ 22.4974, 0.5886,
0.3709

■ 92.9136, 0.2981,
0.3245

■ 95.7261, 0.2981,
0.3290

Harmonies

Analogous

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



43.1903, 0.4071, 0.3293



43.1903, 0.4204, 0.3716



43.1903, 0.4021, 0.4082

Triad

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



43.1903, 0.4204, 0.3716



43.1903, 0.2587, 0.3718



43.1903, 0.2609, 0.2447

Complementary

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



43.1903, 0.4204, 0.3716



48.4796, 0.2413, 0.2803

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.



43.1903, 0.2276, 0.2483



43.1903, 0.4204, 0.3716



43.1903, 0.2261, 0.3172

Square

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



43.1903, 0.4204, 0.3716



43.1903, 0.3074, 0.4147



43.1903, 0.2155, 0.2727



43.1903, 0.3107, 0.2598

Rectangle

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



43.1903, 0.4204, 0.3716



43.1903, 0.3759, 0.4235



43.1903, 0.2155, 0.2727



43.1903, 0.2476, 0.2437

Sweetspot

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



43.1924, 0.4204, 0.3716



83.7793, 0.3370, 0.3412



34.8316, 0.3549, 0.2486



17.4392, 0.3413, 0.3431



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.



43.1924, 0.4204, 0.3716



47.1775, 0.4537, 0.3793



65.8896, 0.3908, 0.4277



15.1640, 0.3284, 0.3370



12.8209, 0.5857, 0.3732



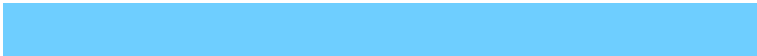
1.1147, 0.5574, 0.3956

Inverse Universe

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



48.4796, 0.2413, 0.2803



54.4826, 0.2280, 0.2676



28.7125, 0.2275, 0.2051



15.4688, 0.2981, 0.3208



16.1640, 0.1929, 0.2142



1.3649, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 43.1903, 0.4204, 0.3716 looks on a white background.

Color Contrast Check

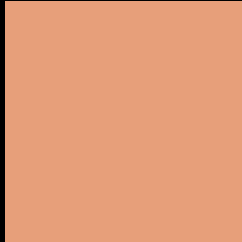
Large Text (above 18pt) WCAG AA × Fail

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 43.1903, 0.4204, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

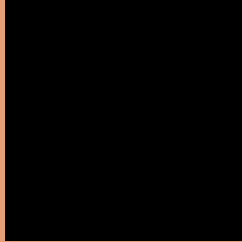
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1903, 0.4204, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 43.1903, 0.4204, 0.3716.



This preview shows how white text looks on a background with the Yxy color 43.1903, 0.4204, 0.3716.

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

43.1903, 0.4204, 0.3716

Protanopia

43.4545, 0.3648, 0.3917

Deuteranopia

43.0630, 0.3969, 0.3887



Tritanopia

43.1612, 0.3834, 0.3156

Trichromacy



Original Color

43.1903, 0.4204, 0.3716

Protanomaly

43.0932, 0.3846, 0.3850

Deuteranomaly

43.1962, 0.4054, 0.3822

Tritanomaly

43.1050, 0.3983, 0.3361

Monochromacy



Original Color

43.1903, 0.4204, 0.3716

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.8855, 0.3494, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1903, 0.4204, 0.3716 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(231, 159, 122)` looks like.

```
.text, #text, p{  
    color:rgb(231, 159, 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(231, 159, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 159, 122) }
```

Border

The CSS property to change the border of an element to Yxy 43.1903, 0.4204, 0.3716 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(231, 159, 122) }
```

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

```
.border{ border-color:rgb(231, 159, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 159, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(231, 159,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1903, 0.4204, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 159, 122) }
```

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

```
.background{ background-color: rgb(231,  
159, 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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