

Converting Colors

$Yxy(43.4693, 0.3733, 0.3967)$

Have a look what the booklet for
Yxy(43.4693, 0.3733, 0.3967)
contains.

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Color

Yxy(43.4526, 0.3734, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	C1AF7C
RGB	193, 175, 124
RGB Percent	76%, 69%, 49%
CMY	0.2431, 0.3137, 0.5138
CMYK	0.00, 0.09, 0.36, 0.24
HSL	44°, 36%, 62%
HSV	44°, 36%, 76%
XYZ	40.9624, 43.4526, 25.2861
YIQ	174.5680, 27.0990, -12.0450

Conversions

Conversions Part 2

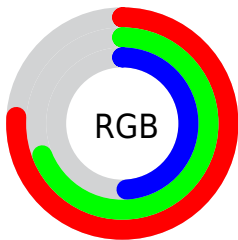
Format	Color
RYB	148, 193, 124
Decimal	12693372
CIELab	71.86, -1.04, 28.55
CIELCh	72, 28.570, 92.078
Yxy	43.4526, 0.3734, 0.3961
Android (android.graphics.Color)	4290883452 (0xFFC1AF7C)
YUV	174.5680, -24.9300, 16.1649
Hunter-Lab	65.9186, -4.4361, 23.3996

Details

The Yxy color **43.4526, 0.3734, 0.3961** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.4763, 0.2524, 0.2512**, and the grayscale version is **42.7563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0919, 0.3623, 0.3836**, and **20.0636, 0.3899, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **41.0889, 0.3923, 0.4144**, and if you desaturate by 10%, it is **45.9890, 0.3550, 0.3770**.

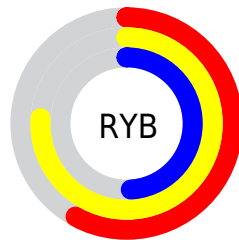
Distribution



Red (76%)

Green (69%)

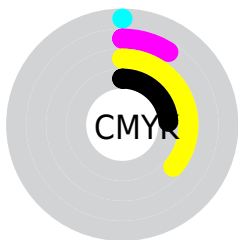
Blue (49%)



Red (58%)

Yellow (76%)

Blue (49%)

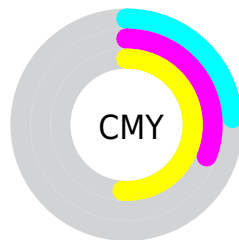


Cyan (0%)

Magenta (9%)

Yellow (36%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4526, 0.3734, 0.3961 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 43.4526, 0.3734, 0.3961 by changing the saturation by 10% instead.


 43.4526, 0.3734,
0.3961


 43.4526, 0.3734,
0.3961


360.4698, 0.3431,
0.3625

 30.2404, 0.3808,
0.4044


 80.3934, 0.3625,
0.3839

 20.0211, 0.3901,
0.4148


 104.8908, 0.3584,
0.3794

 12.4104, 0.4021,
0.4283


 133.9187, 0.3549,
0.3755

 7.0238, 0.4178,
0.4463

167.8615, 0.3519,
0.3721

 3.4770, 0.4406,
0.4725

207.1036, 0.3492,
0.3692

 1.3855, 0.4808,
0.5192

252.0295, 0.3470,

 0.2060, 0.4529,

0.3667

0.5471

303.0234, 0.3449,
0.3645

0.0000, 0.0000,
0.0000

43.4526, 0.3734,
0.3961

43.4526, 0.3734,
0.3961

41.0889, 0.3923,
0.4144

45.9890, 0.3550,
0.3770

38.8855, 0.4112,
0.4311

48.6981, 0.3376,
0.3579

36.8375, 0.4293,
0.4450

51.5874, 0.3214,
0.3393

34.9371, 0.4457,
0.4552

54.6620, 0.3066,
0.3216

33.1753, 0.4596,
0.4609

57.9271, 0.2932,
0.3051

■ 31.5412, 0.4705,
0.4618

■ 61.3872, 0.2811,
0.2896

■ 30.8801, 0.4746,
0.4614

■ 64.7812, 0.2726,
0.2796

■ 67.3117, 0.2730,
0.2853

■ 69.9213, 0.2735,
0.2910

Harmonies

Analogous

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



43.4526, 0.3929, 0.3724



43.4526, 0.3734, 0.3961



43.4526, 0.3381, 0.4022

Triad

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



43.4526, 0.3734, 0.3961



43.4526, 0.2414, 0.3096



43.4526, 0.3243, 0.2811

Complementary

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



43.4526, 0.3734, 0.3961



27.4763, 0.2524, 0.2512

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.



43.4526, 0.2838, 0.2654



43.4526, 0.3734, 0.3961



43.4526, 0.2382, 0.2792

Square

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



43.4526, 0.3734, 0.3961



43.4526, 0.2625, 0.3493



43.4526, 0.2531, 0.2641



43.4526, 0.3639, 0.3078

Rectangle

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



43.4526, 0.3734, 0.3961



43.4526, 0.3109, 0.3932



43.4526, 0.2531, 0.2641



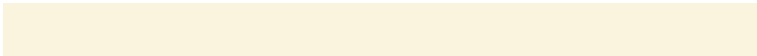
43.4526, 0.3103, 0.2745

Sweetspot

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



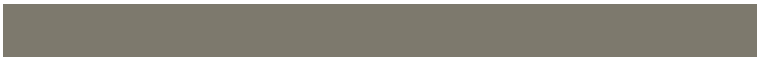
43.4546, 0.3734, 0.3961



89.5392, 0.3300, 0.3493



27.7120, 0.3744, 0.3041



19.0587, 0.3322, 0.3518



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.4546, 0.3734, 0.3961



74.4394, 0.3883, 0.4107



48.9393, 0.3516, 0.4215



11.2991, 0.3271, 0.3459



20.6697, 0.4737, 0.4621



0.9999, 0.4591, 0.4737

Inverse Universe

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



27.4763, 0.2524, 0.2512



41.6173, 0.2376, 0.2303



23.8411, 0.2632, 0.2268



10.1659, 0.2984, 0.3115



4.2113, 0.1591, 0.0927



0.2984, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 43.4526, 0.3734, 0.3961 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 43.4526, 0.3734, 0.3961 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 43.4526, 0.3734, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 43.4526, 0.3734, 0.3961.



This preview shows how white text looks on a background with the Yxy color 43.4526, 0.3734, 0.3961.

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

43.4526, 0.3734, 0.3961

Protanopia

43.4531, 0.3700, 0.3980

Deuteranopia

43.4119, 0.3908, 0.3840



Tritanopia

43.4836, 0.3300, 0.3127

Trichromacy



Original Color

43.4526, 0.3734, 0.3961

Protanomaly

43.5823, 0.3710, 0.3978

Deuteranomaly

43.3030, 0.3840, 0.3877

Tritanomaly

43.5342, 0.3464, 0.3433

Monochromacy



Original Color

43.4526, 0.3734, 0.3961

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0053, 0.3351, 0.3547

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4526, 0.3734, 0.3961 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(193, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 175, 124)  
}
```

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(193, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 175, 124) }
```

Border

The CSS property to change the border of an element to Yxy 43.4526, 0.3734, 0.3961 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(193, 175, 124) }
```

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

```
.border{ border-color:rgb(193, 175, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 175,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4526, 0.3734, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 175, 124) }
```

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

```
.background{ background-color: rgb(193,  
175, 124) }
```

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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