

Converting Colors

Yxy(47.2160, 0.4422, 0.4117)

Have a look what the booklet for
Yxy(47.2160, 0.4422, 0.4117)
contains.

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Color

Yxy(47.2019, 0.4416, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	EBA5D
RGB	235, 170, 93
RGB Percent	92%, 67%, 36%
CMY	0.0783, 0.3334, 0.6352
CMYK	0.00, 0.28, 0.60, 0.08
HSL	33°, 78%, 64%
HSV	33°, 60%, 92%
XYZ	50.6177, 47.2019, 16.8038
YIQ	180.6570, 63.4570, -10.1670

Conversions

Conversions Part 2

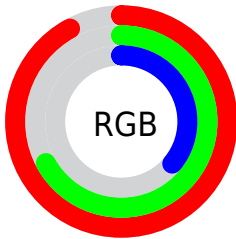
Format	Color
R_{YB}	213, 235, 93
Decimal	15444573
CIE _{Lab}	74.32, 15.98, 48.44
CIE _{LCh}	74, 51.010, 71.746
Yxy	47.2019, 0.4416, 0.4118
Android (android.graphics.Color)	4293634653 (0xFFEBAA5D)
YUV	180.6570, -43.2149, 47.6588
Hunter-Lab	68.7036, 11.2792, 33.5912

Details

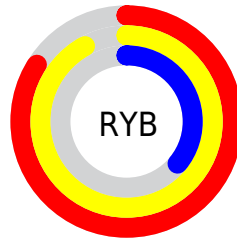
The Yxy color **47.2019, 0.4416, 0.4118** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **32.7985, 0.2148, 0.2219**, and the grayscale version is **46.2283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1548, 0.3893, 0.4099**, and **22.3614, 0.4730, 0.4261** is the 20% darker color. If you saturate the color by 10%, you get **42.9784, 0.4674, 0.4203**, and if you desaturate by 10%, it is **51.8884, 0.4159, 0.4002**.

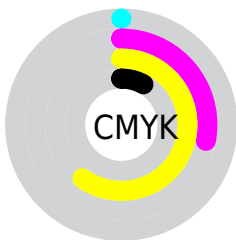
Distribution



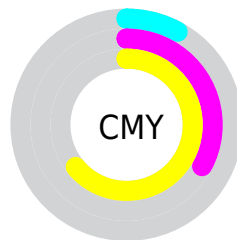
- Red (92%)
- Green (67%)
- Blue (36%)



- Red (84%)
- Yellow (92%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2019, 0.4416, 0.4118 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 47.2019, 0.4416, 0.4118 by changing the saturation by 10% instead.


 47.2019, 0.4416,
0.4118


 47.2019, 0.4416,
0.4118


375.6199, 0.3791,
0.3752

 33.1953, 0.4558,
0.4188


 86.0149, 0.4198,
0.3999


 22.2761, 0.4729,
0.4265


 111.5901, 0.4113,
0.3950

 14.0599, 0.4936,
0.4343


 141.7903, 0.4040,
0.3907

 8.1623, 0.5186,
0.4409

 176.9999, 0.3976,
0.3869

 4.1990, 0.5531,
0.4469

217.6032, 0.3921,
0.3835

 1.7855, 0.5733,
0.4267

263.9847, 0.3872,

 0.4781, 0.6385,

0.3804

0.3615

316.5288, 0.3829,
0.3777

0.0000, 0.0000,
0.0000

47.2019, 0.4416,
0.4118

47.2019, 0.4416,
0.4118

42.9784, 0.4674,
0.4203

51.8884, 0.4159,
0.4002

39.1909, 0.4918,
0.4243

57.0491, 0.3913,
0.3865


35.8189, 0.5132,
0.4229

62.7032, 0.3685,
0.3720


32.9472, 0.5304,
0.4170

68.8664, 0.3479,
0.3574

75.5538, 0.3296,
0.3431

 82.7795, 0.3134,
0.3296

 90.3924, 0.3006,
0.3194

 96.4059, 0.3005,
0.3290

Harmonies

Analogous

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



47.2019, 0.4526, 0.3600



47.2019, 0.4416, 0.4118



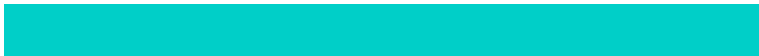
47.2019, 0.3952, 0.4509

Triad

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



47.2019, 0.4416, 0.4118



47.2019, 0.2133, 0.3389



47.2019, 0.2828, 0.2315

Complementary

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



47.2019, 0.4416, 0.4118



32.7985, 0.2148, 0.2219

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.



47.2019, 0.2267, 0.2204



47.2019, 0.4416, 0.4118



47.2019, 0.1904, 0.2728

Square

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



47.2019, 0.4416, 0.4118



47.2019, 0.2631, 0.4124



47.2019, 0.1953, 0.2330



47.2019, 0.3546, 0.2624

Rectangle

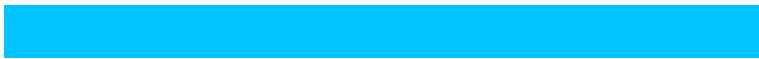
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.2019, 0.4416, 0.4118



47.2019, 0.3525, 0.4596



47.2019, 0.1953, 0.2330



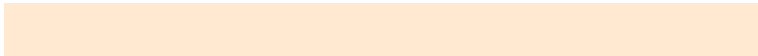
47.2019, 0.2617, 0.2254

Sweetspot

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



47.2042, 0.4416, 0.4118



84.7030, 0.3434, 0.3540



28.0119, 0.4099, 0.2582



17.6429, 0.3491, 0.3582



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.



47.2042, 0.4416, 0.4118



50.3454, 0.4747, 0.4219



77.0907, 0.3943, 0.4719



16.4069, 0.3279, 0.3418



18.5914, 0.5282, 0.4188



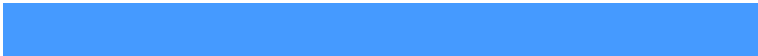
1.6519, 0.5090, 0.4340

Inverse Universe

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



32.7985, 0.2148, 0.2219



31.6224, 0.1971, 0.1943



16.4153, 0.1980, 0.1358



15.6855, 0.2980, 0.3159



9.5110, 0.1734, 0.1443



0.9372, 0.1807, 0.1706

Previews

White Background



This preview shows how the Yxy color 47.2019, 0.4416, 0.4118 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 47.2019, 0.4416, 0.4118 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 47.2019, 0.4416, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 47.2019, 0.4416, 0.4118.



This preview shows how white text looks on a background with the Yxy color 47.2019, 0.4416, 0.4118.

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

47.2019, 0.4416, 0.4118

Protanopia

47.2866, 0.3990, 0.4343

Deuteranopia

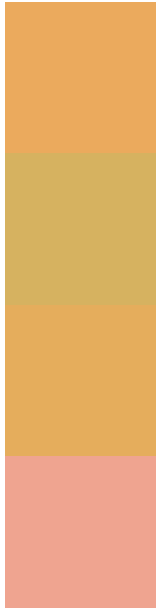
47.0524, 0.4302, 0.4207



Tritanopia

47.2076, 0.3785, 0.3159

Trichromacy



Original Color

47.2019, 0.4416, 0.4118

Protanomaly

46.9815, 0.4143, 0.4253

Deuteranomaly

47.3179, 0.4346, 0.4181

Tritanomaly

46.9153, 0.4040, 0.3516

Monochromacy



Original Color

47.2019, 0.4416, 0.4118

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.0317, 0.3584, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2019, 0.4416, 0.4118 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, 170, 93)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 93)  
}
```

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, 170, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 93) }
```

Border

The CSS property to change the border of an element to Yxy 47.2019, 0.4416, 0.4118 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, 170, 93) }
```

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

```
.border{ border-color:rgb(235, 170, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 170, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 93);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2019, 0.4416, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 93) }
```

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

```
.background{ background-color: rgb(235,  
170, 93) }
```

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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