

Converting Colors

$Y_{xy}(44.4567, 0.4209, 0.3723)$

Have a look what the booklet for
Yxy(44.4567, 0.4209, 0.3723)
contains.

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Color

Yxy(44.4122, 0.4211, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	EAA17B
RGB	234, 161, 123
RGB Percent	92%, 63%, 48%
CMY	0.0824, 0.3686, 0.5176
CMYK	0.00, 0.31, 0.47, 0.08
HSL	21°, 73%, 70%
HSV	21°, 47%, 92%
XYZ	50.2471, 44.4122, 24.6642
YIQ	178.4950, 55.7060, 3.6580

Conversions

Conversions Part 2

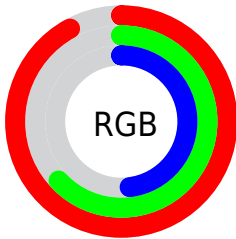
Format	Color
RYB	234, 181, 123
Decimal	15376763
CIELab	72.50, 22.81, 30.67
CIELCh	73, 38.227, 53.362
Yxy	44.4122, 0.4211, 0.3722
Android (android.graphics.Color)	4293566843 (0xFFEAA17B)
YUV	178.4950, -27.3590, 48.6779
Hunter-Lab	66.6425, 17.9612, 24.7067

Details

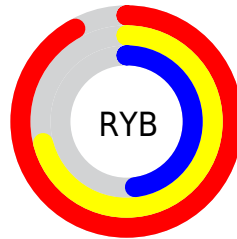
The Yxy color **44.4122, 0.4211, 0.3722** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.6170, 0.2408, 0.2795**, and the grayscale version is **44.9239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5063, 0.3709, 0.3703**, and **20.5457, 0.4508, 0.3799** is the 20% darker color. If you saturate the color by 10%, you get **38.8459, 0.4539, 0.3798**, and if you desaturate by 10%, it is **50.7845, 0.3916, 0.3632**.

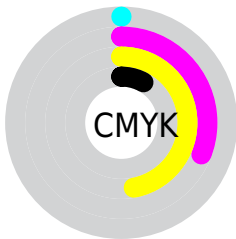
Distribution



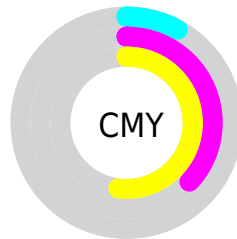
- Red (92%)
- Green (63%)
- Blue (48%)



- Red (92%)
- Yellow (71%)
- Blue (48%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (8%)




- Cyan (8%)
- Magenta (37%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4122, 0.4211, 0.3722 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 44.4122, 0.4211, 0.3722 by changing the saturation by 10% instead.


 44.4122, 0.4211,
0.3722

 44.4122, 0.4211,
0.3722


364.3877, 0.3663,
0.3531


 30.9947, 0.4346,
0.3760


 81.8376, 0.4012,
0.3659

 20.5948, 0.4518,
0.3802


 106.6144, 0.3938,
0.3634

 12.8281, 0.4741,
0.3847


 135.9463, 0.3874,
0.3611

 7.3103, 0.5040,
0.3886

170.2178, 0.3820,
0.3591

 3.6569, 0.5477,
0.3915

209.8133, 0.3773,
0.3574

 1.4836, 0.6130,
0.3870

255.1172, 0.3732,

 0.2771, 0.7475,

0.3558

0.2525

306.5139, 0.3696,
0.3544

0.0000, 0.0000,
0.0000

44.4122, 0.4211,
0.3722

44.4122, 0.4211,
0.3722

38.8459, 0.4539,
0.3798

50.7845, 0.3916,
0.3632

34.0450, 0.4889,
0.3848

57.9880, 0.3658,
0.3538

29.9748, 0.5239,
0.3861

66.0549, 0.3437,
0.3443

26.5947, 0.5559,
0.3824

75.0137, 0.3248,
0.3353

23.8578, 0.5819,
0.3739

84.8913, 0.3089,
0.3269

■ 23.2471, 0.5879,
0.3714

■ 95.1612, 0.2999,
0.3273

■ 96.2291, 0.2999,
0.3290

Harmonies

Analogous

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



44.4122, 0.4080, 0.3297



44.4122, 0.4211, 0.3722



44.4122, 0.4023, 0.4089

Triad

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



44.4122, 0.4211, 0.3722



44.4122, 0.2579, 0.3716



44.4122, 0.2609, 0.2442

Complementary

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



44.4122, 0.4211, 0.3722



49.6170, 0.2408, 0.2795

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.



44.4122, 0.2273, 0.2476



44.4122, 0.4211, 0.3722



44.4122, 0.2253, 0.3166

Square

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



44.4122, 0.4211, 0.3722



44.4122, 0.3068, 0.4151



44.4122, 0.2149, 0.2720



44.4122, 0.3111, 0.2596

Rectangle

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



44.4122, 0.4211, 0.3722



44.4122, 0.3759, 0.4243



44.4122, 0.2149, 0.2720



44.4122, 0.2475, 0.2431

Sweetspot

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



44.4144, 0.4211, 0.3722



83.8380, 0.3370, 0.3413



35.6869, 0.3553, 0.2482



17.4534, 0.3413, 0.3432



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.



44.4144, 0.4211, 0.3722



47.3240, 0.4534, 0.3797



67.7672, 0.3913, 0.4282



15.8975, 0.3284, 0.3371



13.2763, 0.5851, 0.3736



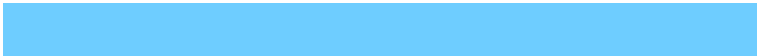
1.2156, 0.5584, 0.3948

Inverse Universe

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



49.6170, 0.2408, 0.2795



54.2786, 0.2279, 0.2671



29.3485, 0.2269, 0.2042



16.2027, 0.2981, 0.3207



16.5410, 0.1925, 0.2131



1.4765, 0.1975, 0.2310

Previews

White Background



This preview shows how the Yxy color 44.4122, 0.4211, 0.3722 looks on a white background.

Color Contrast Check

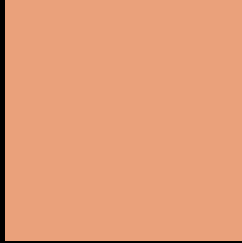
Large Text (above 18pt) WCAG AA × Fail

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 44.4122, 0.4211, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

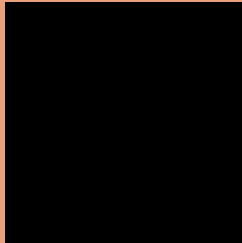
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4122, 0.4211, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 44.4122, 0.4211, 0.3722.



This preview shows how white text looks on a background with the Yxy color 44.4122, 0.4211, 0.3722.

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

44.4122, 0.4211, 0.3722

Protanopia

44.5289, 0.3651, 0.3923

Deuteranopia

44.6524, 0.3973, 0.3903



Tritanopia

44.4099, 0.3836, 0.3157

Trichromacy



Original Color

44.4122, 0.4211, 0.3722

Protanomaly

44.3028, 0.3856, 0.3855

Deuteranomaly

44.4147, 0.4062, 0.3827

Tritanomaly

44.3528, 0.3983, 0.3360

Monochromacy



Original Color

44.4122, 0.4211, 0.3722

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9794, 0.3490, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4122, 0.4211, 0.3722 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(234, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(234, 161, 123)  
}
```

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(234, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 161, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.4122, 0.4211, 0.3722 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(234, 161, 123) }
```

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

```
.border{ border-color:rgb(234, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(234, 161,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4122, 0.4211, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 161, 123) }
```

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

```
.background{ background-color: rgb(234,  
161, 123) }
```

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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