

Converting Colors

$Y_{xy}(45.7972, 0.4211, 0.3781)$

Have a look what the booklet for
Yxy(45.7972, 0.4211, 0.3781)
contains.

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Color

Yxy(45.9529, 0.4215, 0.3786)

Conversions

Conversions Part 1

Format	Color
Hex	EBA579
RGB	235, 165, 121
RGB Percent	92%, 65%, 47%
CMY	0.0786, 0.3529, 0.5255
CMYK	0.00, 0.30, 0.49, 0.08
HSL	23°, 74%, 70%
HSV	23°, 49%, 92%
XYZ	51.1599, 45.9529, 24.2630
YIQ	180.9140, 55.8440, 1.1560

Conversions

Conversions Part 2

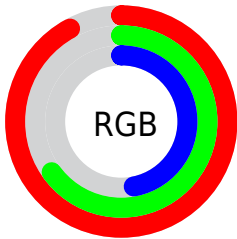
Format	Color
RYB	235, 193, 121
Decimal	15443321
CIELab	73.51, 20.88, 33.08
CIElCh	74, 39.124, 57.737
Yxy	45.9529, 0.4215, 0.3786
Android (android.graphics.Color)	4293633401 (0xFFEBA579)
YUV	180.9140, -29.5376, 47.4334
Hunter-Lab	67.7886, 16.0837, 26.2308

Details

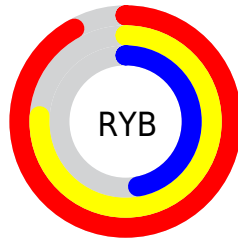
The Yxy color **45.9529, 0.4215, 0.3786** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.3023, 0.2381, 0.2714**, and the grayscale version is **46.3006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5024, 0.3711, 0.3763**, and **21.5082, 0.4505, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **40.5338, 0.4529, 0.3870**, and if you desaturate by 10%, it is **52.1036, 0.3929, 0.3686**.

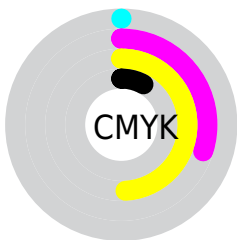
Distribution



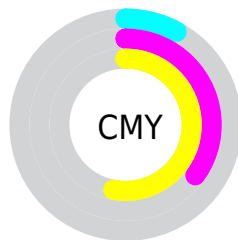
- Red (92%)
- Green (65%)
- Blue (47%)



- Red (92%)
- Yellow (76%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (8%)





- Cyan (8%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9529, 0.4215, 0.3786 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 45.9529, 0.4215, 0.3786 by changing the saturation by 10% instead.


 45.9529, 0.4215,
0.3786

 45.9529, 0.4215,
0.3786


370.6193, 0.3670,
0.3565


 32.2087, 0.4348,
0.3831


 84.1485, 0.4019,
0.3713

 21.5209, 0.4515,
0.3881


 109.3687, 0.3944,
0.3683

 13.5053, 0.4731,
0.3936


 139.1829, 0.3881,
0.3657

 7.7774, 0.5015,
0.3987

173.9756, 0.3827,
0.3634

 3.9529, 0.5430,
0.4038

214.1312, 0.3780,
0.3614

 1.6472, 0.5999,
0.4001

260.0341, 0.3739,

 0.3891, 0.6934,

0.3596

0.3066

312.0686, 0.3702,
0.3580

0.0000, 0.0000,
0.0000

45.9529, 0.4215,
0.3786

45.9529, 0.4215,
0.3786

40.5338, 0.4529,
0.3870

52.1036, 0.3929,
0.3686

35.8097, 0.4860,
0.3927

59.0070, 0.3675,
0.3580

31.7508, 0.5187,
0.3943

66.6915, 0.3455,
0.3474

28.3213, 0.5484,
0.3908

75.1818, 0.3266,
0.3372

25.4779, 0.5727,
0.3822

84.5018, 0.3105,
0.3276

■ 25.0969, 0.5761,
0.3808

■ 94.2159, 0.3005,
0.3256

■ 96.3970, 0.3005,
0.3290

Harmonies

Analogous

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



45.9529, 0.4132, 0.3359



45.9529, 0.4215, 0.3786



45.9529, 0.3983, 0.4140

Triad

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



45.9529, 0.4215, 0.3786



45.9529, 0.2512, 0.3641



45.9529, 0.2669, 0.2445

Complementary

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



45.9529, 0.4215, 0.3786



47.3023, 0.2381, 0.2714

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.



45.9529, 0.2300, 0.2449



45.9529, 0.4215, 0.3786



45.9529, 0.2214, 0.3088

Square

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



45.9529, 0.4215, 0.3786



45.9529, 0.2989, 0.4115



45.9529, 0.2143, 0.2664



45.9529, 0.3193, 0.2625

Rectangle

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



45.9529, 0.4215, 0.3786



45.9529, 0.3696, 0.4273



45.9529, 0.2143, 0.2664



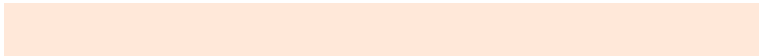
45.9529, 0.2525, 0.2424

Sweetspot

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



45.9552, 0.4215, 0.3786



83.7020, 0.3387, 0.3438



35.1065, 0.3630, 0.2522



17.4641, 0.3429, 0.3460



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.



45.9552, 0.4215, 0.3786



48.9546, 0.4521, 0.3869



71.1067, 0.3903, 0.4354



16.0080, 0.3283, 0.3381



14.2010, 0.5732, 0.3830



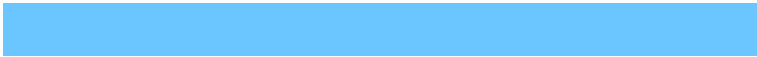
1.2966, 0.5475, 0.4035

Inverse Universe

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



47.3023, 0.2381, 0.2714



50.6837, 0.2248, 0.2572



27.1946, 0.2233, 0.1931



16.0882, 0.2981, 0.3197



14.7340, 0.1882, 0.1974



1.3425, 0.1938, 0.2176

Previews

White Background



This preview shows how the Yxy color 45.9529, 0.4215, 0.3786 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 45.9529, 0.4215, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

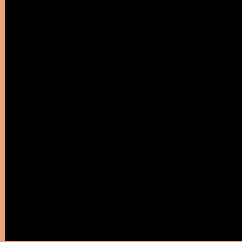
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9529, 0.4215, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 45.9529, 0.4215, 0.3786.



This preview shows how white text looks on a background with the Yxy color 45.9529, 0.4215, 0.3786.

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

45.9529, 0.4215, 0.3786

Protanopia

46.2084, 0.3694, 0.3976

Deuteranopia

45.9708, 0.4017, 0.3939



Tritanopia

46.0873, 0.3792, 0.3158

Trichromacy



Original Color

45.9529, 0.4215, 0.3786

Protanomaly

45.8423, 0.3888, 0.3908

Deuteranomaly

45.9528, 0.4092, 0.3877

Tritanomaly

45.9668, 0.3956, 0.3382

Monochromacy



Original Color

45.9529, 0.4215, 0.3786

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5807, 0.3501, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9529, 0.4215, 0.3786 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, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(235, 165, 121)  
}
```

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, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 165, 121) }
```

Border

The CSS property to change the border of an element to Yxy 45.9529, 0.4215, 0.3786 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, 165, 121) }
```

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

```
.border{ border-color:rgb(235, 165, 121) }
```

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

Here you see how a box with a 4 pixel rgb(235, 165, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 165, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 165, 121);  
box-shadow:4px 4px 4px 4px rgb(235, 165,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9529, 0.4215, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 165, 121) }
```

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

```
.background{ background-color: rgb(235,  
165, 121) }
```

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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