

Converting Colors

$Y_{xy}(44.1743, 0.3906, 0.3514)$

Have a look what the booklet for
Yxy(44.1743, 0.3906, 0.3514)
contains.

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Color

Yxy(44.2156, 0.3912, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	E1A390
RGB	225, 163, 144
RGB Percent	88%, 64%, 56%
CMY	0.1177, 0.3608, 0.4353
CMYK	0.00, 0.28, 0.36, 0.12
HSL	14°, 57%, 72%
HSV	14°, 36%, 88%
XYZ	49.1815, 44.2156, 32.3225
YIQ	179.3720, 43.0510, 7.2350

Conversions

Conversions Part 2

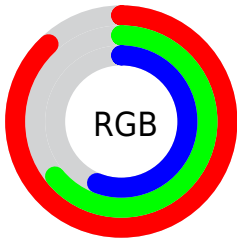
Format	Color
R _Y B	225, 169, 144
Decimal	14787472
CIE Lab	72.37, 20.50, 18.95
CIE LCh	72, 27.914, 42.752
Yxy	44.2156, 0.3912, 0.3517
Android (android.graphics.Color)	4292977552 (0xFFE1A390)
YUV	179.3720, -17.4384, 40.0158
Hunter-Lab	66.4948, 15.6579, 17.7260

Details

The Yxy color $44.2156, 0.3912, 0.3517$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.4971, 0.2589, 0.3047$, and the grayscale version is $45.3666, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4800, 0.3543, 0.3495$, and $20.5019, 0.4138, 0.3557$ is the 20% darker color. If you saturate the color by 10%, you get $37.8930, 0.4230, 0.3579$, and if you desaturate by 10%, it is $51.5119, 0.3641, 0.3451$.

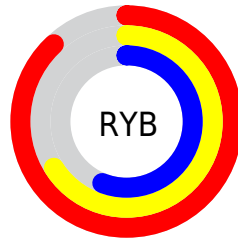
Distribution



Red (88%)

Green (64%)

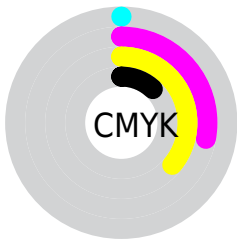
Blue (56%)



Red (88%)

Yellow (66%)

Blue (56%)

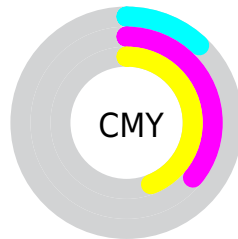


Cyan (0%)

Magenta (28%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2156, 0.3912, 0.3517 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 44.2156, 0.3912, 0.3517 by changing the saturation by 10% instead.

 44.2156, 0.3912,
0.3517


 44.2156, 0.3912,
0.3517

363.5874, 0.3512,
0.3415

 30.8400, 0.4013,
0.3538


 81.5421, 0.3766,
0.3483

 20.4771, 0.4144,
0.3563


 106.2618, 0.3711,
0.3469

 12.7423, 0.4317,
0.3591


135.5316, 0.3665,
0.3457

 7.2513, 0.4560,
0.3621

169.7361, 0.3625,
0.3447

 3.6198, 0.4916,
0.3643

209.2595, 0.3591,
0.3437

 1.4632, 0.5760,
0.3807

254.4862, 0.3562,

 0.2626, 0.7406,

0.3429

0.2594

305.8007, 0.3536,
0.3422

0.0000, 0.0000,
0.0000

44.2156, 0.3912,
0.3517

44.2156, 0.3912,
0.3517

37.8930, 0.4230,
0.3579

51.5119, 0.3641,
0.3451

32.4962, 0.4592,
0.3631

59.8147, 0.3414,
0.3387

27.9826, 0.4986,
0.3663

69.1628, 0.3225,
0.3325

24.3036, 0.5387,
0.3664

79.5913, 0.3068,
0.3268

21.4055, 0.5752,
0.3626

91.0373, 0.2945,
0.3230

■ 19.2278, 0.6036,
0.3549

■ 94.7474, 0.2946,
0.3289

■ 18.5376, 0.6129,
0.3516

Harmonies

Analogous

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



44.2156, 0.3734, 0.3194



44.2156, 0.3912, 0.3517



44.2156, 0.3862, 0.3809

Triad

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



44.2156, 0.3912, 0.3517



44.2156, 0.2847, 0.3724



44.2156, 0.2638, 0.2645

Complementary

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



44.2156, 0.3912, 0.3517



55.4971, 0.2589, 0.3047

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.



44.2156, 0.2434, 0.2735



44.2156, 0.3912, 0.3517



44.2156, 0.2547, 0.3348

Square

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



44.2156, 0.3912, 0.3517



44.2156, 0.3235, 0.3966



44.2156, 0.2401, 0.2983



44.2156, 0.2980, 0.2710

Rectangle

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



44.2156, 0.3912, 0.3517



44.2156, 0.3711, 0.3946



44.2156, 0.2401, 0.2983



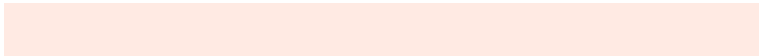
44.2156, 0.2552, 0.2657

Sweetspot

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



44.2177, 0.3912, 0.3517



85.3848, 0.3317, 0.3356



40.4112, 0.3343, 0.2589



17.9162, 0.3343, 0.3364



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.



44.2177, 0.3912, 0.3517



52.4763, 0.4139, 0.3563



60.9198, 0.3747, 0.3967



14.2202, 0.3286, 0.3346



10.8316, 0.6103, 0.3536



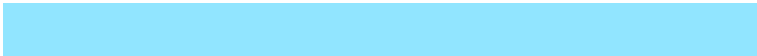
0.8874, 0.5803, 0.3775

Inverse Universe

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



55.4971, 0.2589, 0.3047



69.4523, 0.2492, 0.2990



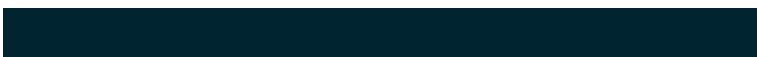
38.4883, 0.2514, 0.2503



14.9982, 0.2982, 0.3234



20.3605, 0.2032, 0.2516



1.5449, 0.2069, 0.2649

Previews

White Background



This preview shows how the Yxy color 44.2156, 0.3912, 0.3517 looks on a white background.

Color Contrast Check

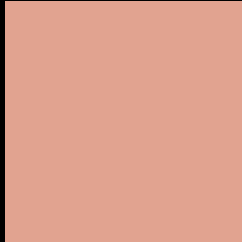
Large Text (above 18pt) WCAG AA × Fail

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 44.2156, 0.3912, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

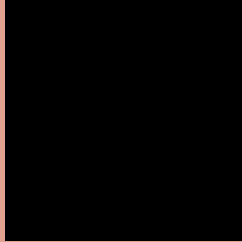
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2156, 0.3912, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 44.2156, 0.3912, 0.3517.



This preview shows how white text looks on a background with the Yxy color 44.2156, 0.3912, 0.3517.

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

44.2156, 0.3912, 0.3517

Protanopia

44.2434, 0.3436, 0.3637

Deuteranopia

44.3744, 0.3716, 0.3643



Tritanopia

44.2305, 0.3688, 0.3152

Trichromacy



Original Color

44.2156, 0.3912, 0.3517

Protanomaly

44.0607, 0.3609, 0.3599

Deuteranomaly

44.2846, 0.3795, 0.3599

Tritanomaly

44.0457, 0.3774, 0.3280

Monochromacy



Original Color

44.2156, 0.3912, 0.3517

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3761, 0.3397, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2156, 0.3912, 0.3517 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(225, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 163, 144)  
}
```

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(225, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 163, 144) }
```

Border

The CSS property to change the border of an element to Yxy 44.2156, 0.3912, 0.3517 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(225, 163, 144) }
```

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

```
.border{ border-color:rgb(225, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 163,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2156, 0.3912, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 163, 144) }
```

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

```
.background{ background-color: rgb(225,  
163, 144) }
```

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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