

Converting Colors

$Y_{xy}(42.5172, 0.4292, 0.3937)$

Have a look what the booklet for
Yxy(42.5172, 0.4292, 0.3937)
contains.

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Color

Yxy(42.5172, 0.4292, 0.3937)

Conversions

Conversions Part 1

Format	Color
Hex	E1A169
RGB	225, 161, 105
RGB Percent	88%, 63%, 41%
CMY	0.1176, 0.3686, 0.5883
CMYK	0.00, 0.28, 0.53, 0.12
HSL	28°, 67%, 65%
HSV	28°, 53%, 88%
XYZ	46.3510, 42.5172, 19.1257
YIQ	173.7520, 56.1200, -3.8480

Conversions

Conversions Part 2

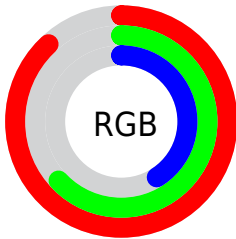
Format	Color
R _Y B	225, 210, 105
Decimal	14786921
CIE Lab	71.23, 17.58, 38.38
CIE LCh	71, 42.218, 65.385
Yxy	42.5172, 0.4292, 0.3937
Android (android.graphics.Color)	4292977001 (0xFFE1A169)
YUV	173.7520, -33.8947, 44.9445
Hunter-Lab	65.2052, 12.7772, 28.2530

Details

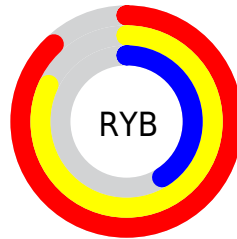
The Yxy color $42.5172, 0.4292, 0.3937$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $36.8234, 0.2286, 0.2505$, and the grayscale version is $42.3503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.8061, 0.3847, 0.3896$, and $19.4383, 0.4619, 0.4059$ is the 20% darker color. If you saturate the color by 10%, you get $38.1205, 0.4581, 0.4029$, and if you desaturate by 10%, it is $47.4433, 0.4019, 0.3823$.

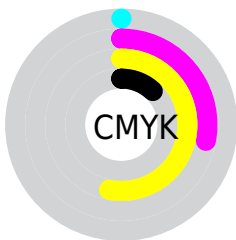
Distribution



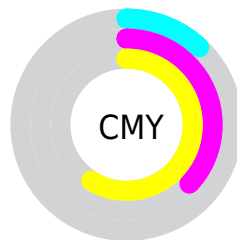
- Red (88%)
- Green (63%)
- Blue (41%)



- Red (88%)
- Yellow (82%)
- Blue (41%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (12%)





- Cyan (12%)
- Magenta (37%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5172, 0.4292, 0.3937 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 42.5172, 0.4292, 0.3937 by changing the saturation by 10% instead.


 42.5172, 0.4292,
0.3937

 42.5172, 0.4292,
0.3937


356.6225, 0.3706,
0.3642


 29.5065, 0.4434,
0.3997


 78.9818, 0.4081,
0.3839


 19.4643, 0.4611,
0.4065


 103.2045, 0.4001,
0.3799

 12.0062, 0.4835,
0.4137


 131.9332, 0.3934,
0.3765

 6.7479, 0.5122,
0.4203

 165.5525, 0.3875,
0.3734

 3.3050, 0.5649,
0.4351

204.4467, 0.3825,
0.3707

 1.2929, 0.5910,
0.4090

249.0001, 0.3780,

 0.1357, 0.8044,

0.3683

0.1956

299.5973, 0.3741,
0.3662

0.0000, 0.0000,
0.0000

42.5172, 0.4292,
0.3937

42.5172, 0.4292,
0.3937

38.1205, 0.4581,
0.4029

47.4433, 0.4019,
0.3823

34.2257, 0.4873,
0.4086

52.9120, 0.3769,
0.3699

30.8116, 0.5148,
0.4095

58.9440, 0.3546,
0.3572

27.8521, 0.5387,
0.4050

65.5566, 0.3350,
0.3447

26.1125, 0.5525,
0.3995

72.7664, 0.3179,
0.3328

■ 80.5893, 0.3031,
0.3217

■ 88.5471, 0.2944,
0.3189

■ 94.7512, 0.2946,
0.3289

Harmonies

Analogous

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



42.5172, 0.4299, 0.3478



42.5172, 0.4292, 0.3937



42.5172, 0.3955, 0.4296

Triad

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



42.5172, 0.4292, 0.3937



42.5172, 0.2342, 0.3517



42.5172, 0.2754, 0.2399

Complementary

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



42.5172, 0.4292, 0.3937



36.8234, 0.2286, 0.2505

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.



42.5172, 0.2302, 0.2347



42.5172, 0.4292, 0.3937



42.5172, 0.2082, 0.2921

Square

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



42.5172, 0.4292, 0.3937



42.5172, 0.2822, 0.4102



42.5172, 0.2070, 0.2515



42.5172, 0.3357, 0.2639

Rectangle

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



42.5172, 0.4292, 0.3937



42.5172, 0.3607, 0.4401



42.5172, 0.2070, 0.2515



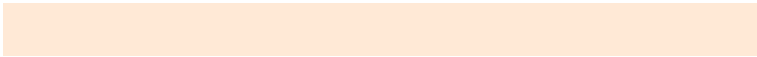
42.5172, 0.2581, 0.2359

Sweetspot

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



42.5193, 0.4292, 0.3937



84.5370, 0.3401, 0.3481



29.0534, 0.3800, 0.2540



17.7007, 0.3441, 0.3507



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.



42.5193, 0.4292, 0.3937



50.0144, 0.4613, 0.4037



67.7051, 0.3930, 0.4514



14.7495, 0.3280, 0.3400



15.2731, 0.5499, 0.4015



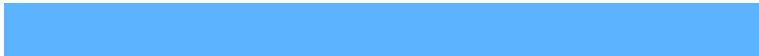
1.2366, 0.5247, 0.4216

Inverse Universe

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



36.8234, 0.2286, 0.2505



41.6669, 0.2131, 0.2304



19.8078, 0.2115, 0.1669



14.4480, 0.2981, 0.3178



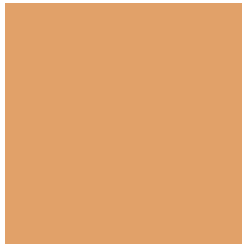
11.1124, 0.1805, 0.1696



0.9490, 0.1878, 0.1961

Previews

White Background



This preview shows how the Yxy color 42.5172, 0.4292, 0.3937 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 42.5172, 0.4292, 0.3937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

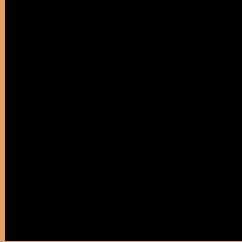
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5172, 0.4292, 0.3937

Background



This preview shows how black text looks on a background with the Yxy color 42.5172, 0.4292, 0.3937.



This preview shows how white text looks on a background with the Yxy color 42.5172, 0.4292, 0.3937.

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

42.5172, 0.4292, 0.3937

Protanopia

42.7329, 0.3822, 0.4147

Deuteranopia

42.6340, 0.4134, 0.4055



Tritanopia

42.6508, 0.3783, 0.3165

Trichromacy



Original Color

42.5172, 0.4292, 0.3937

Protanomaly

42.5287, 0.3994, 0.4072

Deuteranomaly

42.6615, 0.4196, 0.4017

Tritanomaly

42.5911, 0.3977, 0.3456

Monochromacy



Original Color

42.5172, 0.4292, 0.3937

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8833, 0.3531, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5172, 0.4292, 0.3937 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, 161, 105)` looks like.

```
.text, #text, p{  
    color:rgb(225, 161, 105)  
}
```

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, 161, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 161, 105) }
```

Border

The CSS property to change the border of an element to Yxy 42.5172, 0.4292, 0.3937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

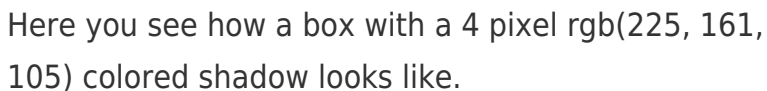
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 161, 105) }
```

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

```
.border{ border-color:rgb(225, 161, 105) }
```

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



Here you see how a box with a 4 pixel `rgb(225, 161, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 161, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 161, 105); box-shadow:4px 4px 4px 4px rgb(225, 161, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5172, 0.4292, 0.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 161, 105) }
```

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

```
.background{ background-color: rgb(225,  
161, 105) }
```

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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