

Converting Colors

$Y_{xy}(42.8824, 0.3955, 0.3530)$

Have a look what the booklet for
Yxy(42.8824, 0.3955, 0.3530)
contains.

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Color

Yxy(42.8824, 0.3955, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	E0A08C
RGB	224, 160, 140
RGB Percent	88%, 63%, 55%
CMY	0.1216, 0.3725, 0.4510
CMYK	0.00, 0.29, 0.38, 0.12
HSL	14°, 58%, 71%
HSV	14°, 38%, 88%
XYZ	48.0453, 42.8824, 30.5522
YIQ	176.8560, 44.5640, 7.3480

Conversions

Conversions Part 2

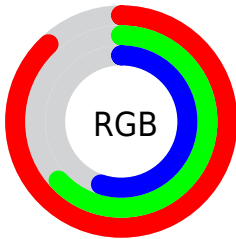
Format	Color
R _Y B	224, 166, 140
Decimal	14721164
CIE Lab	71.48, 21.25, 19.88
CIE LCh	71, 29.102, 43.098
Yxy	42.8824, 0.3955, 0.3530
Android (android.graphics.Color)	4292911244 (0xFFE0A08C)
YUV	176.8560, -18.1700, 41.3453
Hunter-Lab	65.4847, 16.3651, 18.1772

Details

The Yxy color **42.8824, 0.3955, 0.3530** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1383, 0.2568, 0.3032**, and the grayscale version is **43.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7559, 0.3579, 0.3506**, and **19.6788, 0.4202, 0.3573** is the 20% darker color. If you saturate the color by 10%, you get **36.7733, 0.4278, 0.3592**, and if you desaturate by 10%, it is **49.9422, 0.3678, 0.3464**.

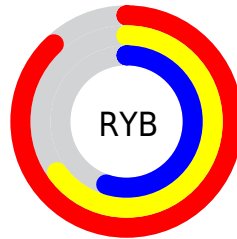
Distribution



Red (88%)

Green (63%)

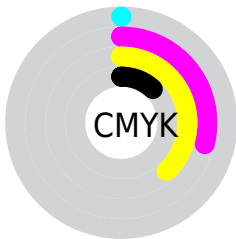
Blue (55%)



Red (88%)

Yellow (65%)

Blue (55%)

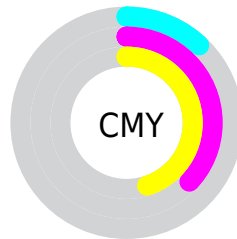


Cyan (0%)

Magenta (29%)

Yellow (38%)

Black (12%)



Cyan (12%)


Magenta (37%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8824, 0.3955, 0.3530 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 42.8824, 0.3955, 0.3530 by changing the saturation by 10% instead.

 42.8824, 0.3955,
0.3530


 42.8824, 0.3955,
0.3530


358.1279, 0.3532,
0.3422


 29.7929, 0.4063,
0.3552


 79.5334, 0.3799,
0.3494

 19.6814, 0.4202,
0.3578


 103.8636, 0.3741,
0.3480

 12.1637, 0.4388,
0.3607


 132.7095, 0.3693,
0.3467

 6.8552, 0.4647,
0.3635

166.4554, 0.3651,
0.3456

 3.3717, 0.5029,
0.3652

205.4859, 0.3615,
0.3446

 1.3287, 0.6093,
0.3907

250.1852, 0.3584,


 0.1633, 0.8050,


0.3437

0.1950

300.9377, 0.3556,
0.3429

 0.0000, 0.0000,
0.0000


 42.8824, 0.3955,
0.3530

 42.8824, 0.3955,
0.3530


 36.7733, 0.4278,
0.3592

 49.9422, 0.3678,
0.3464


 31.5677, 0.4645,
0.3642


 57.9850, 0.3445,
0.3398

 27.2234, 0.5041,
0.3671

 67.0492, 0.3251,
0.3335

 23.6923, 0.5438,
0.3667

 77.1694, 0.3090,
0.3276

 20.9210, 0.5792,
0.3623

 88.3783, 0.2955,
0.3222

■ 18.8480, 0.6064,
0.3542

■ 94.5879, 0.2940,
0.3289

■ 18.4272, 0.6121,
0.3522

Harmonies

Analogous

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



42.8824, 0.3770, 0.3191



42.8824, 0.3955, 0.3530



42.8824, 0.3898, 0.3837

Triad

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



42.8824, 0.3955, 0.3530



42.8824, 0.2827, 0.3744



42.8824, 0.2617, 0.2613

Complementary

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



42.8824, 0.3955, 0.3530



54.1383, 0.2568, 0.3032

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.



42.8824, 0.2401, 0.2704



42.8824, 0.3955, 0.3530



42.8824, 0.2515, 0.3345

Square

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



42.8824, 0.3955, 0.3530



42.8824, 0.3234, 0.4003



42.8824, 0.2365, 0.2961



42.8824, 0.2976, 0.2684

Rectangle

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



42.8824, 0.3955, 0.3530



42.8824, 0.3737, 0.3982



42.8824, 0.2365, 0.2961



42.8824, 0.2526, 0.2625

Sweetspot

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



42.8845, 0.3955, 0.3530



85.4396, 0.3316, 0.3357



38.9807, 0.3354, 0.2560



17.9292, 0.3343, 0.3365



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.



42.8845, 0.3955, 0.3530



51.0132, 0.4204, 0.3579



59.7951, 0.3775, 0.3995



14.2279, 0.3286, 0.3347



10.8741, 0.6096, 0.3542



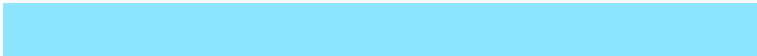
0.8913, 0.5795, 0.3781

Inverse Universe

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



54.1383, 0.2568, 0.3032



68.1197, 0.2465, 0.2969



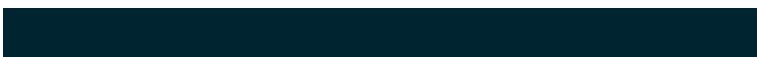
36.9369, 0.2486, 0.2464



14.9900, 0.2982, 0.3233



20.1928, 0.2029, 0.2504



1.5346, 0.2067, 0.2639

Previews

White Background



This preview shows how the Yxy color 42.8824, 0.3955, 0.3530 looks on a white background.

Color Contrast Check

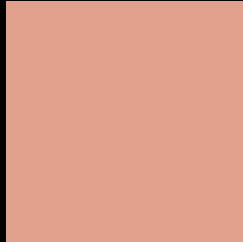
Large Text (above 18pt) WCAG AA × Fail

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 42.8824, 0.3955, 0.3530 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 42.8824, 0.3955, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 42.8824, 0.3955, 0.3530.



This preview shows how white text looks on a background with the Yxy color 42.8824, 0.3955, 0.3530.

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

42.8824, 0.3955, 0.3530

Protanopia

43.0808, 0.3457, 0.3668

Deuteranopia

42.8194, 0.3754, 0.3673



Tritanopia

42.9350, 0.3717, 0.3152

Trichromacy



Original Color

42.8824, 0.3955, 0.3530

Protanomaly

42.9052, 0.3633, 0.3628

Deuteranomaly

42.7714, 0.3825, 0.3614

Tritanomaly

42.7513, 0.3805, 0.3280

Monochromacy



Original Color

42.8824, 0.3955, 0.3530

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2755, 0.3400, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8824, 0.3955, 0.3530 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(224, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(224, 160, 140)  
}
```

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(224, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 160, 140) }
```

Border

The CSS property to change the border of an element to Yxy 42.8824, 0.3955, 0.3530 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(224, 160, 140) }
```

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

```
.border{ border-color:rgb(224, 160, 140) }
```

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

Here you see how a box with a 4 pixel rgb(224, 160, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(224, 160,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8824, 0.3955, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 160, 140) }
```

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

```
.background{ background-color: rgb(224,  
160, 140) }
```

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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