

Converting Colors

$Yxy(34.1717, 0.4285, 0.4845)$

Have a look what the booklet for
Yxy(34.1717, 0.4285, 0.4845)
contains.

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Color

Yxy(34.2290, 0.4281, 0.4845)

Conversions

Conversions Part 1

Format	Color
Hex	AEA01D
RGB	174, 160, 29
RGB Percent	68%, 63%, 11%
CMY	0.3177, 0.3725, 0.8863
CMYK	0.00, 0.08, 0.83, 0.32
HSL	54°, 71%, 40%
HSV	54°, 83%, 68%
XYZ	30.2444, 34.2290, 6.1746
YIQ	149.2520, 50.3950, -37.7730

Conversions

Conversions Part 2

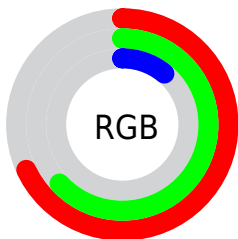
Format	Color
RYB	44, 174, 29
Decimal	11444253
CIELab	65.14, -8.40, 63.06
CIELCh	65, 63.622, 97.590
Yxy	34.2290, 0.4281, 0.4845
Android (android.graphics.Color)	4289634333 (0xFFFAEA01D)
YUV	149.2520, -59.2842, 21.7040
Hunter-Lab	58.5056, -10.1091, 34.6965

Details

The Yxy color **34.2290, 0.4281, 0.4845** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.0414, 0.1650, 0.0924**, and the grayscale version is **30.4052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1049, 0.4119, 0.4587**, and **14.7192, 0.4313, 0.4958** is the 20% darker color. If you saturate the color by 10%, you get **33.5903, 0.4341, 0.4894**, and if you desaturate by 10%, it is **34.9274, 0.4193, 0.4753**.

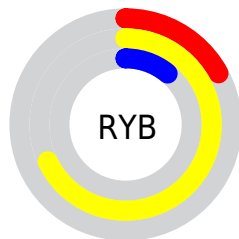
Distribution



Red (68%)

Green (63%)

Blue (11%)



Red (17%)

Yellow (68%)

Blue (11%)

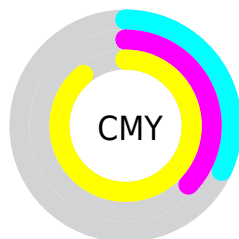


Cyan (0%)

Magenta (8%)

Yellow (83%)

Black (32%)



Cyan (32%)


Magenta (37%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2290, 0.4281, 0.4845 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 34.2290, 0.4281, 0.4845 by changing the saturation by 10% instead.


 34.2290, 0.4281,
0.4845


 34.2290, 0.4281,
0.4845


321.1520, 0.3752,
0.4086


 23.0696, 0.4374,
0.5002


 66.2896, 0.4113,
0.4588


 14.6449, 0.4461,
0.5173


 87.9596, 0.4042,
0.4484


 8.5705, 0.4582,
0.5418

 113.9019, 0.3978,
0.4394

 4.4621, 0.4510,
0.5490

 144.5009, 0.3922,
0.4316

 1.9353, 0.4391,
0.5609

 180.1410, 0.3872,
0.4247

 0.5695, 0.3712,
0.6288

 221.2067, 0.3828,

 0.0000, 0.0000,

0.4187

0.0000

268.0822, 0.3788,
0.4133

■ 34.2290, 0.4281,
0.4845

■ 34.2290, 0.4281,
0.4845

■ 33.5903, 0.4341,
0.4894

■ 34.9274, 0.4193,
0.4753

■ 33.1842, 0.4372,
0.4911

■ 35.6877, 0.4081,
0.4619

■ 36.5177, 0.3948,
0.4449

■ 37.4225, 0.3800,
0.4251

■ 38.4068, 0.3643,
0.4035

■ 39.4749, 0.3484,
0.3810

■ 40.6308, 0.3327,
0.3583

■ 41.8781, 0.3176,
0.3362

■ 43.2203, 0.3033,
0.3150

Harmonies

Analogous

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



34.2290, 0.4895, 0.4212



34.2290, 0.4281, 0.4845



34.2290, 0.3420, 0.5121

Triad

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



34.2290, 0.4281, 0.4845



34.2290, 0.1542, 0.2587



34.2290, 0.3545, 0.2340

Complementary

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



34.2290, 0.4281, 0.4845



5.0414, 0.1650, 0.0924

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.



34.2290, 0.2584, 0.1982



34.2290, 0.4281, 0.4845



34.2290, 0.1568, 0.2046

Square

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



34.2290, 0.4281, 0.4845



34.2290, 0.1856, 0.3545



34.2290, 0.1909, 0.1871



34.2290, 0.4508, 0.2884

Rectangle

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



34.2290, 0.4281, 0.4845



34.2290, 0.2815, 0.4884



34.2290, 0.1909, 0.1871



34.2290, 0.3204, 0.2196

Sweetspot

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



34.2306, 0.4281, 0.4845



71.2023, 0.3517, 0.3857



10.0528, 0.5785, 0.3172



15.6757, 0.3572, 0.3935



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2306, 0.4281, 0.4845



60.0278, 0.4375, 0.4908



34.0642, 0.3571, 0.5393



9.1963, 0.3265, 0.3493



24.1232, 0.4370, 0.4912



0.7084, 0.4310, 0.4960

Inverse Universe

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



5.0414, 0.1650, 0.0924



6.1118, 0.1515, 0.0655



5.9595, 0.2052, 0.1018



7.8767, 0.2986, 0.3079



2.5440, 0.1522, 0.0679



0.1097, 0.1608, 0.0990

Previews

White Background



This preview shows how the Yxy color 34.2290, 0.4281, 0.4845 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 Xy color 34.2290, 0.4281, 0.4845 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 34.2290, 0.4281, 0.4845

Background



This preview shows how black text looks on a background with the Yxy color 34.2290, 0.4281, 0.4845.



This preview shows how white text looks on a background with the Yxy color 34.2290, 0.4281, 0.4845.

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

34.2290, 0.4281, 0.4845

Protanopia

34.3500, 0.4333, 0.4805

Deuteranopia

34.0762, 0.4624, 0.4533



Tritanopia

34.1354, 0.3361, 0.3125

Trichromacy



Original Color

34.2290, 0.4281, 0.4845

Protanomaly

34.2321, 0.4323, 0.4812

Deuteranomaly

34.1682, 0.4497, 0.4647

Tritanomaly

33.6780, 0.3805, 0.3860

Monochromacy



Original Color

34.2290, 0.4281, 0.4845

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.0715, 0.3642, 0.4035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2290, 0.4281, 0.4845 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(174, 160, 29)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 29)  
}
```

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(174, 160, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 29) }
```

Border

The CSS property to change the border of an element to Yxy 34.2290, 0.4281, 0.4845 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(174, 160, 29) }
```

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

```
.border{ border-color:rgb(174, 160, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 160, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 29);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2290, 0.4281, 0.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 29) }
```

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

```
.background{ background-color: rgb(174,  
160, 29) }
```

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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