

Converting Colors

$Yxy(33.9963, 0.4083, 0.4870)$

Have a look what the booklet for
Yxy(33.9963, 0.4083, 0.4870)
contains.

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Color

Yxy(34.1553, 0.4082, 0.4868)

Conversions

Conversions Part 1

Format	Color
Hex	A3A32B
RGB	163, 163, 43
RGB Percent	64%, 64%, 17%
CMY	0.3607, 0.3608, 0.8314
CMYK	0.00, 0.00, 0.74, 0.36
HSL	60°, 58%, 40%
HSV	60°, 74%, 64%
XYZ	28.6405, 34.1553, 7.3671
YIQ	149.3200, 38.5200, -37.3200

Conversions

Conversions Part 2

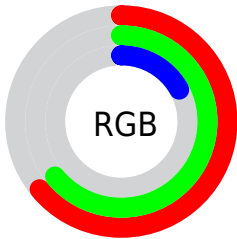
Format	Color
RYB	43, 163, 43
Decimal	10724139
CIELab	65.09, -14.30, 58.31
CIELCh	65, 60.033, 103.777
Yxy	34.1553, 0.4082, 0.4868
Android (android.graphics.Color)	4288914219 (0xFFA3A32B)
YUV	149.3200, -52.4158, 11.9974
Hunter-Lab	58.4425, -14.7983, 33.4358

Details

The Yxy color **34.1553, 0.4082, 0.4868** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.8870, 0.1746, 0.1007**, and the grayscale version is **30.4114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3968, 0.3942, 0.4584**, and **14.7765, 0.4134, 0.5100** is the 20% darker color. If you saturate the color by 10%, you get **34.0592, 0.4143, 0.4968**, and if you desaturate by 10%, it is **34.3024, 0.3996, 0.4726**.

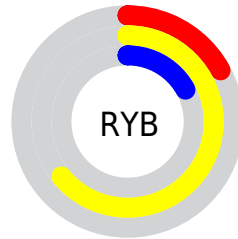
Distribution



Red (64%)

Green (64%)

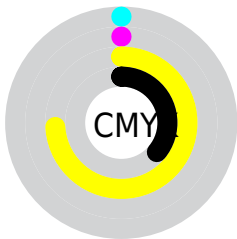
Blue (17%)



Red (17%)

Yellow (64%)

Blue (17%)

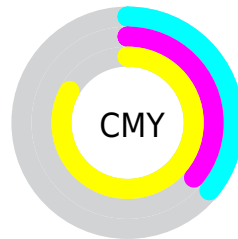


Cyan (0%)

Magenta (0%)

Yellow (74%)

Black (36%)



Cyan (36%)


Magenta (36%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1553, 0.4082, 0.4868 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 34.1553, 0.4082, 0.4868 by changing the saturation by 10% instead.


 34.1553, 0.4082,
0.4868


 34.1553, 0.4082,
0.4868


320.8240, 0.3645,
0.4067

 23.0129, 0.4158,
0.5049


 66.1751, 0.3943,
0.4585


 14.6031, 0.4229,
0.5261


 87.8213, 0.3884,
0.4476


 8.5413, 0.4329,
0.5571


 113.7376, 0.3832,
0.4382

 4.4432, 0.4247,
0.5753

 144.3084, 0.3786,
0.4301

 1.9244, 0.4039,
0.5961

 179.9180, 0.3744,
0.4231

 0.5630, 0.2484,
0.7516

 220.9509, 0.3708,

 0.0000, 0.0000,

0.4169

0.0000

267.7914, 0.3675,
0.4115

■ 34.1553, 0.4082,
0.4868

■ 34.1553, 0.4082,
0.4868

■ 34.0592, 0.4143,
0.4968

■ 34.3024, 0.3996,
0.4726

■ 34.0031, 0.4178,
0.5027

■ 34.5009, 0.3888,
0.4548

■ 33.9797, 0.4194,
0.5052

■ 34.7567, 0.3761,
0.4338

■ 35.0738, 0.3622,
0.4108

■ 35.4559, 0.3475,
0.3865

■ 35.9062, 0.3326,
0.3619

■ 36.4280, 0.3179,
0.3376

■ 37.0241, 0.3038,
0.3143

■ 37.6972, 0.2904,
0.2922

Harmonies

Analogous

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



34.1553, 0.4726, 0.4320



34.1553, 0.4082, 0.4868



34.1553, 0.3239, 0.4980

Triad

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



34.1553, 0.4082, 0.4868



34.1553, 0.1591, 0.2491



34.1553, 0.3726, 0.2480

Complementary

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



34.1553, 0.4082, 0.4868



4.8870, 0.1746, 0.1007

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.



34.1553, 0.2785, 0.2092



34.1553, 0.4082, 0.4868



34.1553, 0.1678, 0.2046

Square

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



34.1553, 0.4082, 0.4868



34.1553, 0.1828, 0.3325



34.1553, 0.2073, 0.1934



34.1553, 0.4579, 0.3032

Rectangle

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



34.1553, 0.4082, 0.4868



34.1553, 0.2670, 0.4641



34.1553, 0.2073, 0.1934



34.1553, 0.3402, 0.2328

Sweetspot

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



34.1569, 0.4082, 0.4868



63.5727, 0.3457, 0.3835



9.7051, 0.5549, 0.3274



14.2354, 0.3495, 0.3898



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.1569, 0.4082, 0.4868



60.9118, 0.4167, 0.5008



29.3797, 0.3478, 0.5277



8.2371, 0.3262, 0.3512



26.4012, 0.4194, 0.5052



0.5548, 0.4193, 0.5052

Inverse Universe

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



4.8870, 0.1746, 0.1007



5.6615, 0.1561, 0.0701



7.1390, 0.2321, 0.1290



6.8602, 0.2987, 0.3058



2.0557, 0.1500, 0.0600



0.0433, 0.1500, 0.0601

Previews

White Background



This preview shows how the Yxy color 34.1553, 0.4082, 0.4868 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 34.1553, 0.4082, 0.4868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

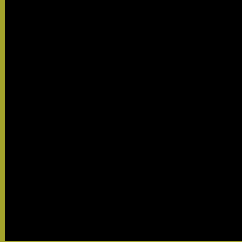
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1553, 0.4082, 0.4868

Background



This preview shows how black text looks on a background with the Yxy color 34.1553, 0.4082, 0.4868.



This preview shows how white text looks on a background with the Yxy color 34.1553, 0.4082, 0.4868.

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

34.1553, 0.4082, 0.4868

Protanopia

33.9680, 0.4282, 0.4726

Deuteranopia

34.0402, 0.4546, 0.4454



Tritanopia

34.0210, 0.3225, 0.3121

Trichromacy



Original Color

34.1553, 0.4082, 0.4868

Protanomaly

34.0794, 0.4210, 0.4782

Deuteranomaly

33.9622, 0.4372, 0.4605

Tritanomaly

33.5680, 0.3604, 0.3824

Monochromacy



Original Color

34.1553, 0.4082, 0.4868

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.1070, 0.3546, 0.3983

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1553, 0.4082, 0.4868 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(163, 163, 43)` looks like.

```
.text, #text, p{  
    color:rgb(163, 163, 43)  
}
```

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(163, 163, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 163, 43) }
```

Border

The CSS property to change the border of an element to Yxy 34.1553, 0.4082, 0.4868 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(163, 163, 43) }
```

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

```
.border{ border-color:rgb(163, 163, 43) }
```

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

Here you see how a box with a 4 pixel rgb(163, 163, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 163, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 163, 43);  
box-shadow:4px 4px 4px 4px rgb(163, 163,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1553, 0.4082, 0.4868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 163, 43) }
```

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

```
.background{ background-color: rgb(163,  
163, 43) }
```

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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