

Converting Colors

$Y_{xy}(29.3822, 0.3649, 0.4420)$

Have a look what the booklet for
Yxy(29.3822, 0.3649, 0.4420)
contains.

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Color

$\text{Yxy}(29.5021, 0.3650, 0.4429)$

Conversions

Conversions Part 1

Format	Color
Hex	8E9A54
RGB	142, 154, 84
RGB Percent	56%, 60%, 33%
CMY	0.4431, 0.3961, 0.6707
CMYK	0.08, 0.00, 0.45, 0.40
HSL	70°, 29%, 47%
HSV	70°, 45%, 60%
XYZ	24.3131, 29.5021, 12.7960
YIQ	142.4320, 15.3180, -24.3140

Conversions

Conversions Part 2

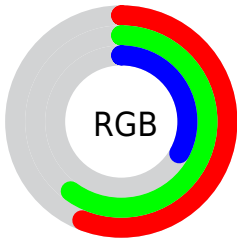
Format	Color
R_{YB}	84, 154, 96
Decimal	9345620
CIE _{Lab}	61.22, -15.46, 35.18
CIE _{LCh}	61, 38.423, 113.720
Yxy	29.5021, 0.3650, 0.4429
Android (android.graphics.Color)	4287535700 (0xFF8E9A54)
YUV	142.4320, -28.8070, -0.3789
Hunter-Lab	54.3158, -15.1518, 24.0532

Details

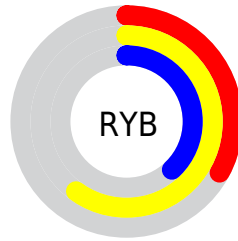
The Yxy color **29.5021, 0.3650, 0.4429** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.1552, 0.2426, 0.1958**, and the grayscale version is **27.3435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7313, 0.3560, 0.4186**, and **12.0015, 0.3773, 0.4824** is the 20% darker color. If you saturate the color by 10%, you get **29.0578, 0.3743, 0.4662**, and if you desaturate by 10%, it is **30.0077, 0.3543, 0.4179**.

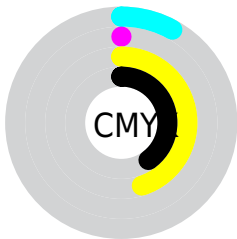
Distribution



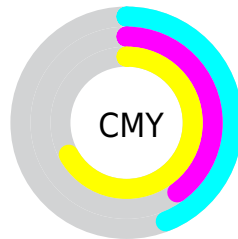
- Red (56%)
- Green (60%)
- Blue (33%)



- Red (33%)
- Yellow (60%)
- Blue (38%)



- Cyan (8%)
- Magenta (0%)
- Yellow (45%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.5021, 0.3650, 0.4429 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 29.5021, 0.3650, 0.4429 by changing the saturation by 10% instead.


 29.5021, 0.3650,
0.4429


 29.5021, 0.3650,
0.4429


299.5767, 0.3390,
0.3806


 19.4610, 0.3709,
0.4599


 58.8739, 0.3558,
0.4191


 12.0038, 0.3776,
0.4824


 78.9733, 0.3523,
0.4105


 6.7463, 0.3847,
0.5130


 103.1943, 0.3492,
0.4033

 3.3039, 0.4051,
0.5776

 131.9213, 0.3466,
0.3973

 1.2924, 0.3834,
0.6166

 165.5386, 0.3443,
0.3922

 0.1353, 0.0000,
1.0000

204.4307, 0.3423,

 0.0000, 0.0000,

0.3878

0.0000

248.9819, 0.3405,
0.3840

■ 29.5021, 0.3650,
0.4429

■ 29.5021, 0.3650,
0.4429

■ 29.0578, 0.3743,
0.4662

■ 30.0077, 0.3543,
0.4179

■ 28.6671, 0.3817,
0.4868

■ 30.5737, 0.3428,
0.3923

■ 28.3275, 0.3869,
0.5039

■ 31.2045, 0.3310,
0.3667

■ 28.0343, 0.3897,
0.5168


■ 31.9028, 0.3191,
0.3420

■ 27.7815, 0.3900,
0.5254

■ 32.6713, 0.3075,
0.3185

 27.6734, 0.3898,
0.5287

 33.5124, 0.2965,
0.2966

 34.4285, 0.2861,
0.2764

 35.4217, 0.2764,
0.2579

 36.4942, 0.2674,
0.2410

Harmonies

Analogous

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



29.5021, 0.4144, 0.4198



29.5021, 0.3650, 0.4429



29.5021, 0.3043, 0.4292

Triad

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



29.5021, 0.3650, 0.4429



29.5021, 0.2019, 0.2626



29.5021, 0.3749, 0.2847

Complementary

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



29.5021, 0.3650, 0.4429



11.1552, 0.2426, 0.1958

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.



29.5021, 0.3112, 0.2507



29.5021, 0.3650, 0.4429



29.5021, 0.2160, 0.2361

Square

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



29.5021, 0.3650, 0.4429



29.5021, 0.2129, 0.3131



29.5021, 0.2539, 0.2331



29.5021, 0.4231, 0.3293

Rectangle

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



29.5021, 0.3650, 0.4429



29.5021, 0.2658, 0.3978



29.5021, 0.2539, 0.2331



29.5021, 0.3542, 0.2719

Sweetspot

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



29.5034, 0.3650, 0.4429



56.8299, 0.3295, 0.3638



15.8117, 0.4209, 0.3489



12.8078, 0.3320, 0.3689



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.5034, 0.3650, 0.4429



52.7382, 0.3748, 0.4676



26.8965, 0.3280, 0.4581



7.1694, 0.3235, 0.3512



22.5599, 0.3901, 0.5285



0.3497, 0.4040, 0.5174

Inverse Universe

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



11.1552, 0.2426, 0.1958



14.9511, 0.2225, 0.1608



13.4688, 0.2861, 0.2105



6.0746, 0.3013, 0.3062



2.0950, 0.1590, 0.0649



0.0425, 0.1905, 0.0823

Previews

White Background



This preview shows how the Yxy color 29.5021, 0.3650, 0.4429 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5021, 0.3650, 0.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

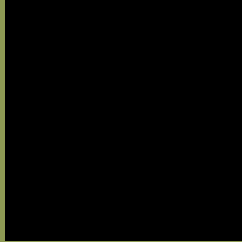
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5021, 0.3650, 0.4429

Background



This preview shows how black text looks on a background with the Yxy color 29.5021, 0.3650, 0.4429.



This preview shows how white text looks on a background with the Yxy color 29.5021, 0.3650, 0.4429.

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

29.5021, 0.3650, 0.4429

Protanopia

29.4704, 0.3930, 0.4288

Deuteranopia

29.3216, 0.4129, 0.4058



Tritanopia

29.5714, 0.3073, 0.3120

Trichromacy



Original Color

29.5021, 0.3650, 0.4429

Protanomaly

29.4058, 0.3828, 0.4332

Deuteranomaly

29.3366, 0.3953, 0.4189

Tritanomaly

29.4025, 0.3301, 0.3596

Monochromacy



Original Color

29.5021, 0.3650, 0.4429

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6890, 0.3332, 0.3707

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5021, 0.3650, 0.4429 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(142, 154, 84)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 84)  
}
```

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(142, 154, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 84) }
```

Border

The CSS property to change the border of an element to Yxy 29.5021, 0.3650, 0.4429 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(142, 154, 84) }
```

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

```
.border{ border-color:rgb(142, 154, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 84);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5021, 0.3650, 0.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 84) }
```

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

```
.background{ background-color: rgb(142,  
154, 84) }
```

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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