

Converting Colors

$Y_{xy}(32.9379, 0.4363, 0.4842)$

Have a look what the booklet for
Yxy(32.9379, 0.4363, 0.4842)
contains.

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Color

Yxy(32.9379, 0.4363, 0.4842)

Conversions

Conversions Part 1

Format	Color
Hex	AF9C13
RGB	175, 156, 19
RGB Percent	69%, 61%, 7%
CMY	0.3139, 0.3882, 0.9256
CMYK	0.00, 0.11, 0.89, 0.31
HSL	53°, 80%, 38%
HSV	53°, 89%, 69%
XYZ	29.6795, 32.9379, 5.4080
YIQ	146.0630, 55.3010, -38.5790

Conversions

Conversions Part 2

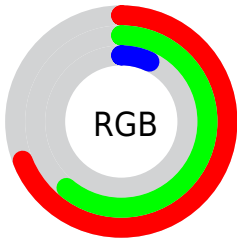
Format	Color
RYB	41, 175, 19
Decimal	11508755
CIELab	64.11, -6.09, 64.60
CIELCh	64, 64.891, 95.384
Yxy	32.9379, 0.4363, 0.4842
Android (android.graphics.Color)	4289698835 (0xFFAF9C13)
YUV	146.0630, -62.6421, 25.3777
Hunter-Lab	57.3915, -8.1257, 34.5872

Details

The Yxy color **32.9379, 0.4363, 0.4842** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.6136, 0.1602, 0.0850**, and the grayscale version is **29.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1797, 0.4184, 0.4593**, and **13.9547, 0.4392, 0.4894** is the 20% darker color. If you saturate the color by 10%, you get **32.1885, 0.4419, 0.4868**, and if you desaturate by 10%, it is **33.7426, 0.4283, 0.4778**.

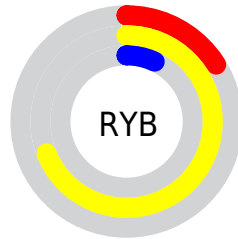
Distribution



Red (69%)

Green (61%)

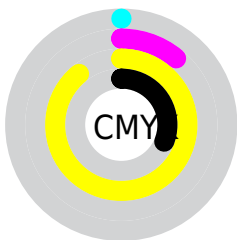
Blue (7%)



Red (16%)

Yellow (69%)

Blue (7%)

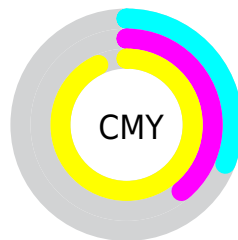


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (31%)



Cyan (31%)


Magenta (39%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9379, 0.4363, 0.4842 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 32.9379, 0.4363, 0.4842 by changing the saturation by 10% instead.


 32.9379, 0.4363,
0.4842


 32.9379, 0.4363,
0.4842


315.3698, 0.3794,
0.4093


 22.0789, 0.4462,
0.4990


 64.2786, 0.4183,
0.4592


 13.9149, 0.4556,
0.5148


 85.5290, 0.4106,
0.4490

 8.0615, 0.4659,
0.5341

 111.0120, 0.4038,
0.4401

 4.1343, 0.4605,
0.5395

 141.1120, 0.3977,
0.4324

 1.7490, 0.4514,
0.5486

 176.2134, 0.3923,
0.4255

 0.4551, 0.3842,
0.6158

 216.7006, 0.3875,

 0.0000, 0.0000,

0.4195

0.0000

262.9579, 0.3833,
0.4141

■ 32.9379, 0.4363,
0.4842

■ 32.9379, 0.4363,
0.4842

■ 32.1885, 0.4419,
0.4868

■ 33.7426, 0.4283,
0.4778

■ 32.1261, 0.4423,
0.4870

■ 34.6106, 0.4177,
0.4671

■ 35.5504, 0.4048,
0.4524

■ 36.5676, 0.3901,
0.4344

■ 37.6675, 0.3744,
0.4141

■ 38.8545, 0.3581,
0.3925

■ 40.1329, 0.3420,
0.3704

■ 41.5066, 0.3263,
0.3484

■ 42.9792, 0.3115,
0.3272

Harmonies

Analogous

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



32.9379, 0.4973, 0.4173



32.9379, 0.4363, 0.4842



32.9379, 0.3488, 0.5186

Triad

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



32.9379, 0.4363, 0.4842



32.9379, 0.1511, 0.2619



32.9379, 0.3478, 0.2280

Complementary

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



32.9379, 0.4363, 0.4842



4.6136, 0.1602, 0.0850

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.



32.9379, 0.2503, 0.1932



32.9379, 0.4363, 0.4842



32.9379, 0.1516, 0.2037

Square

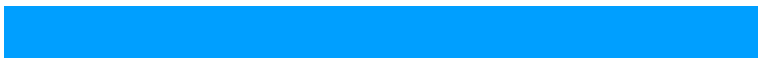
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.9379, 0.4363, 0.4842



32.9379, 0.1857, 0.3637



32.9379, 0.1840, 0.1837



32.9379, 0.4490, 0.2824

Rectangle

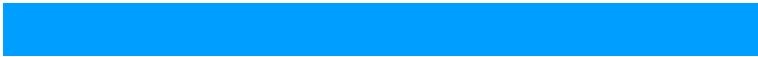
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.9379, 0.4363, 0.4842



32.9379, 0.2866, 0.4992



32.9379, 0.1840, 0.1837



32.9379, 0.3128, 0.2138

Sweetspot

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



32.9395, 0.4363, 0.4842



69.9915, 0.3554, 0.3888



9.7267, 0.5915, 0.3147



15.3928, 0.3608, 0.3961



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.



32.9395, 0.4363, 0.4842



57.3446, 0.4428, 0.4866



34.5293, 0.3604, 0.5439



9.1616, 0.3266, 0.3488



23.0763, 0.4420, 0.4872



0.6876, 0.4343, 0.4934

Inverse Universe

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



4.6136, 0.1602, 0.0850



6.3536, 0.1522, 0.0678



5.1024, 0.1923, 0.0895



7.9082, 0.2986, 0.3085



2.6582, 0.1529, 0.0706



0.1222, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 32.9379, 0.4363, 0.4842 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 32.9379, 0.4363, 0.4842 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 32.9379, 0.4363, 0.4842

Background



This preview shows how black text looks on a background with the Yxy color 32.9379, 0.4363, 0.4842.



This preview shows how white text looks on a background with the Yxy color 32.9379, 0.4363, 0.4842.

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

32.9379, 0.4363, 0.4842

Protanopia

32.9379, 0.4363, 0.4842

Deuteranopia

32.6823, 0.4660, 0.4561



Tritanopia

32.8414, 0.3430, 0.3139

Trichromacy



Original Color

32.9379, 0.4363, 0.4842

Protanomaly

32.9379, 0.4363, 0.4842

Deuteranomaly

32.5700, 0.4554, 0.4663

Tritanomaly

32.3593, 0.3907, 0.3902

Monochromacy



Original Color

32.9379, 0.4363, 0.4842

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.9009, 0.3693, 0.4073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9379, 0.4363, 0.4842 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(175, 156, 19)` looks like.

```
.text, #text, p{  
    color:rgb(175, 156, 19)  
}
```

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(175, 156, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 156, 19) }
```

Border

The CSS property to change the border of an element to Yxy 32.9379, 0.4363, 0.4842 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(175, 156, 19) }
```

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

```
.border{ border-color:rgb(175, 156, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 156, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 156, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 156, 19);  
box-shadow:4px 4px 4px 4px rgb(175, 156,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9379, 0.4363, 0.4842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 156, 19) }
```

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

```
.background{ background-color: rgb(175,  
156, 19) }
```

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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