

Converting Colors

$Yxy(32.1443, 0.4335, 0.4868)$

Have a look what the booklet for
Yxy(32.1443, 0.4335, 0.4868)
contains.

Yxy(32.1443, 0.4335, 0.4868)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.1443, 0.4335, 0.4868)

Conversions

Conversions Part 1

Format	Color
Hex	AB9B12
RGB	171, 155, 18
RGB Percent	67%, 61%, 7%
CMY	0.3294, 0.3921, 0.9299
CMYK	0.00, 0.09, 0.90, 0.33
HSL	54°, 81%, 37%
HSV	54°, 90%, 67%
XYZ	28.6248, 32.1443, 5.2627
YIQ	144.1660, 53.5130, -39.2150

Conversions

Conversions Part 2

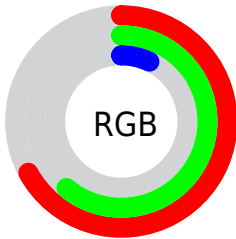
Format	Color
RYB	36, 171, 18
Decimal	11246354
CIELab	63.46, -7.36, 64.15
CIELCh	63, 64.571, 96.544
Yxy	32.1443, 0.4335, 0.4868
Android (android.graphics.Color)	4289436434 (0xFFAB9B12)
YUV	144.1660, -62.1998, 23.5334
Hunter-Lab	56.6959, -9.0963, 34.1836

Details

The Yxy color **32.1443, 0.4335, 0.4868** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.2052, 0.1593, 0.0820**, and the grayscale version is **28.1958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0031, 0.4163, 0.4611**, and **13.4780, 0.4348, 0.4929** is the 20% darker color. If you saturate the color by 10%, you get **31.5139, 0.4386, 0.4897**, and if you desaturate by 10%, it is **32.8229, 0.4262, 0.4803**.

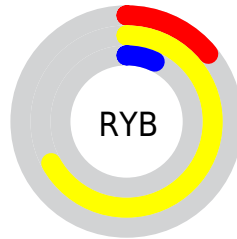
Distribution



Red (67%)

Green (61%)

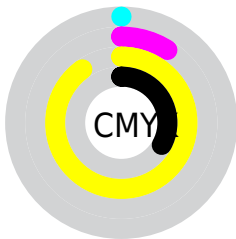
Blue (7%)



Red (14%)

Yellow (67%)

Blue (7%)

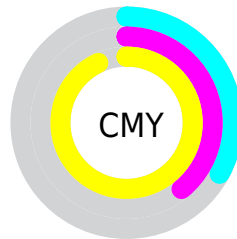


Cyan (0%)

Magenta (9%)

Yellow (90%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.1443, 0.4335, 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 32.1443, 0.4335, 0.4868 by changing the saturation by 10% instead.


 32.1443, 0.4335,
0.4868


 32.1443, 0.4335,
0.4868

311.7761, 0.3779,
0.4099


 21.4717, 0.4430,
0.5022


 63.0372, 0.4160,
0.4610


 13.4693, 0.4520,
0.5190


 84.0264, 0.4084,
0.4505

 7.7525, 0.4610,
0.5390


 109.2232, 0.4018,
0.4414

 3.9370, 0.4543,
0.5457

 139.0121, 0.3958,
0.4334

 1.6384, 0.4428,
0.5572

 173.7774, 0.3906,
0.4264

 0.3833, 0.3251,
0.6749

 213.9036, 0.3859,

 0.0000, 0.0000,

0.4202

0.0000

259.7750, 0.3817,
0.4148

32.1443, 0.4335,
0.4868

32.1443, 0.4335,
0.4868

31.5139, 0.4386,
0.4897

32.8229, 0.4262,
0.4803

31.4853, 0.4388,
0.4898

33.5583, 0.4162,
0.4695

34.3585, 0.4038,
0.4548

35.2287, 0.3897,
0.4367

36.1740, 0.3743,
0.4163

■ 37.1985, 0.3584,
0.3944

■ 38.3063, 0.3424,
0.3719

■ 39.5011, 0.3269,
0.3496

■ 40.7863, 0.3121,
0.3280

Harmonies

Analogous

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



32.1443, 0.4962, 0.4202



32.1443, 0.4335, 0.4868



32.1443, 0.3452, 0.5192

Triad

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



32.1443, 0.4335, 0.4868



32.1443, 0.1501, 0.2586



32.1443, 0.3520, 0.2295

Complementary

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



32.1443, 0.4335, 0.4868



4.2052, 0.1593, 0.0820

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.



32.1443, 0.2534, 0.1938



32.1443, 0.4335, 0.4868



32.1443, 0.1519, 0.2019

Square

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



32.1443, 0.4335, 0.4868



32.1443, 0.1833, 0.3592



32.1443, 0.1856, 0.1832



32.1443, 0.4528, 0.2846

Rectangle

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



32.1443, 0.4335, 0.4868



32.1443, 0.2829, 0.4974



32.1443, 0.1856, 0.1832



32.1443, 0.3168, 0.2150

Sweetspot

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



32.1458, 0.4335, 0.4868



67.0156, 0.3550, 0.3898



9.2129, 0.5963, 0.3171



14.8038, 0.3603, 0.3971



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.1458, 0.4335, 0.4868



56.2017, 0.4392, 0.4895



32.6350, 0.3579, 0.5460



9.1851, 0.3265, 0.3491



23.7798, 0.4386, 0.4900



0.7016, 0.4321, 0.4951

Inverse Universe

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



4.2052, 0.1593, 0.0820



5.8858, 0.1518, 0.0663



4.9296, 0.1946, 0.0905



7.8869, 0.2986, 0.3080



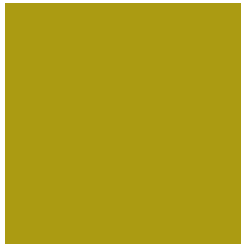
2.5788, 0.1524, 0.0687



0.1137, 0.1617, 0.1020

Previews

White Background



This preview shows how the Yxy color 32.1443, 0.4335, 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 32.1443, 0.4335, 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 32.1443, 0.4335, 0.4868

Background



This preview shows how black text looks on a background with the Yxy color 32.1443, 0.4335, 0.4868.



This preview shows how white text looks on a background with the Yxy color 32.1443, 0.4335, 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

32.1443, 0.4335, 0.4868

Protanopia

32.0391, 0.4367, 0.4842

Deuteranopia

32.1017, 0.4656, 0.4569



Tritanopia

32.0164, 0.3400, 0.3136

Trichromacy



Original Color

32.1443, 0.4335, 0.4868

Protanomaly

31.9255, 0.4357, 0.4850

Deuteranomaly

31.9959, 0.4548, 0.4671

Tritanomaly

31.5468, 0.3879, 0.3913

Monochromacy



Original Color

32.1443, 0.4335, 0.4868

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.9317, 0.3689, 0.4085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1443, 0.4335, 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(171, 155, 18)` looks like.

```
.text, #text, p{  
    color:rgb(171, 155, 18)  
}
```

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(171, 155, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 155, 18) }
```

Border

The CSS property to change the border of an element to Yxy 32.1443, 0.4335, 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(171, 155, 18) }
```

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

```
.border{ border-color:rgb(171, 155, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 155, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 155, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 155, 18);  
box-shadow:4px 4px 4px 4px rgb(171, 155,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1443, 0.4335, 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(171, 155, 18) }
```

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

```
.background{ background-color: rgb(171,  
155, 18) }
```

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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