

Converting Colors

$Yxy(32.2157, 0.3649, 0.4417)$

Have a look what the booklet for
Yxy(32.2157, 0.3649, 0.4417)
contains.

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Color

Yxy(32.1421, 0.3650, 0.4420)

Conversions

Conversions Part 1

Format	Color
Hex	94A058
RGB	148, 160, 88
RGB Percent	58%, 63%, 35%
CMY	0.4197, 0.3725, 0.6549
CMYK	0.08, 0.00, 0.45, 0.37
HSL	70°, 29%, 49%
HSV	70°, 45%, 63%
XYZ	26.5427, 32.1421, 14.0349
YIQ	148.2040, 15.9600, -24.9360

Conversions

Conversions Part 2

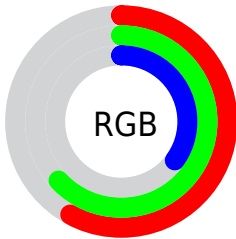
Format	Color
RYB	88, 160, 100
Decimal	9740376
CIELab	63.46, -15.68, 35.97
CIELCh	63, 39.241, 113.557
Yxy	32.1421, 0.3650, 0.4420
Android (android.graphics.Color)	4287930456 (0xFF94A058)
YUV	148.2040, -29.6806, -0.1789
Hunter-Lab	56.6940, -15.6454, 25.0083

Details

The Yxy color **32.1421, 0.3650, 0.4420** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.2261, 0.2429, 0.1967**, and the grayscale version is **29.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.1615, 0.3560, 0.4196**, and **13.5773, 0.3770, 0.4795** is the 20% darker color. If you saturate the color by 10%, you get **31.6607, 0.3744, 0.4654**, and if you desaturate by 10%, it is **32.6904, 0.3542, 0.4170**.

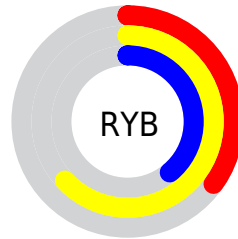
Distribution



Red (58%)

Green (63%)

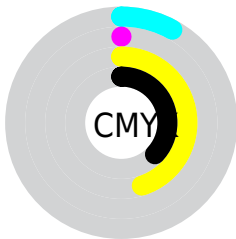
Blue (35%)



Red (35%)

Yellow (63%)

Blue (39%)

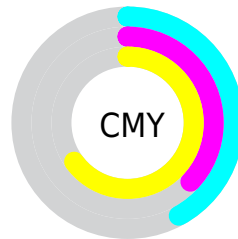


Cyan (8%)

Magenta (0%)

Yellow (45%)

Black (37%)



Cyan (42%)


Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1421, 0.3650, 0.4420 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 32.1421, 0.3650, 0.4420 by changing the saturation by 10% instead.


 32.1421, 0.3650,
0.4420


 32.1421, 0.3650,
0.4420


311.7661, 0.3393,
0.3810

 21.4701, 0.3707,
0.4584


 63.0338, 0.3560,
0.4189


 13.4680, 0.3773,
0.4798


 84.0222, 0.3525,
0.4105

 7.7516, 0.3844,
0.5086


 109.2183, 0.3495,
0.4035

 3.9364, 0.3971,
0.5585

 139.0063, 0.3469,
0.3976

 1.6381, 0.3902,
0.6098

 173.7707, 0.3446,
0.3925

 0.3831, 0.0000,
1.0000

213.8958, 0.3426,

 0.0000, 0.0000,

0.3882

0.0000

259.7662, 0.3409,
0.3843

■ 32.1421, 0.3650,
0.4420

■ 32.1421, 0.3650,
0.4420

■ 31.6607, 0.3744,
0.4654

■ 32.6904, 0.3542,
0.4170

■ 31.2378, 0.3820,
0.4861

■ 33.3047, 0.3426,
0.3913

■ 30.8707, 0.3874,
0.5032


■ 33.9898, 0.3306,
0.3657


■ 30.5543, 0.3902,
0.5161

■ 34.7486, 0.3186,
0.3409

■ 30.2823, 0.3907,
0.5247

■ 35.5841, 0.3070,
0.3175

 30.1553, 0.3905,
0.5282

 36.4989, 0.2958,
0.2955

 37.4956, 0.2854,
0.2753

 38.5766, 0.2756,
0.2568

 39.7442, 0.2667,
0.2400

Harmonies

Analogous

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



32.1421, 0.4139, 0.4191



32.1421, 0.3650, 0.4420



32.1421, 0.3048, 0.4286

Triad

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



32.1421, 0.3650, 0.4420



32.1421, 0.2026, 0.2633



32.1421, 0.3741, 0.2848

Complementary

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



32.1421, 0.3650, 0.4420



12.2261, 0.2429, 0.1967

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.



32.1421, 0.3109, 0.2511



32.1421, 0.3650, 0.4420



32.1421, 0.2165, 0.2368

Square

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



32.1421, 0.3650, 0.4420



32.1421, 0.2137, 0.3136



32.1421, 0.2541, 0.2337



32.1421, 0.4221, 0.3291

Rectangle

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



32.1421, 0.3650, 0.4420



32.1421, 0.2665, 0.3976



32.1421, 0.2541, 0.2337



32.1421, 0.3536, 0.2721

Sweetspot

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



32.1435, 0.3650, 0.4420



61.8057, 0.3297, 0.3638



17.2918, 0.4199, 0.3488



13.4967, 0.3321, 0.3690



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.1435, 0.3650, 0.4420



57.4774, 0.3745, 0.4654



29.2934, 0.3279, 0.4571



7.6643, 0.3236, 0.3513



23.5041, 0.3907, 0.5280



0.4338, 0.4030, 0.5182

Inverse Universe

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



12.2261, 0.2429, 0.1967



16.6554, 0.2238, 0.1635



14.7505, 0.2864, 0.2113



6.4858, 0.3012, 0.3061



2.1693, 0.1585, 0.0647



0.0518, 0.1883, 0.0811

Previews

White Background



This preview shows how the Yxy color 32.1421, 0.3650, 0.4420 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 32.1421, 0.3650, 0.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

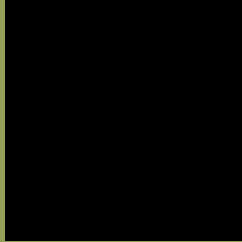
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.1421, 0.3650, 0.4420

Background



This preview shows how black text looks on a background with the Yxy color 32.1421, 0.3650, 0.4420.



This preview shows how white text looks on a background with the Yxy color 32.1421, 0.3650, 0.4420.

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

32.1421, 0.3650, 0.4420

Protanopia

32.2181, 0.3932, 0.4280

Deuteranopia

31.7522, 0.4130, 0.4046



Tritanopia

31.9457, 0.3076, 0.3111

Trichromacy



Original Color

32.1421, 0.3650, 0.4420

Protanomaly

32.0421, 0.3822, 0.4327

Deuteranomaly

31.6421, 0.3949, 0.4176

Tritanomaly

31.7588, 0.3296, 0.3570

Monochromacy



Original Color

32.1421, 0.3650, 0.4420

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.2587, 0.3334, 0.3708

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1421, 0.3650, 0.4420 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(148, 160, 88)` looks like.

```
.text, #text, p{  
    color:rgb(148, 160, 88)  
}
```

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(148, 160, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 160, 88) }
```

Border

The CSS property to change the border of an element to Yxy 32.1421, 0.3650, 0.4420 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(148, 160, 88) }
```

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

```
.border{ border-color:rgb(148, 160, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 160, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 160, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 160, 88);  
box-shadow:4px 4px 4px 4px rgb(148, 160,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1421, 0.3650, 0.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 160, 88) }
```

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

```
.background{ background-color: rgb(148,  
160, 88) }
```

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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