

Converting Colors

$Y_{xy}(32.3048, 0.3640, 0.4260)$

Have a look what the booklet for
Yxy(32.3048, 0.3640, 0.4260)
contains.

Yxy(32.4131, 0.3641, 0.4269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.4131, 0.3641, 0.4269)

Conversions

Conversions Part 1

Format	Color
Hex	999F60
RGB	153, 159, 96
RGB Percent	60%, 62%, 38%
CMY	0.4001, 0.3764, 0.6235
CMYK	0.04, 0.00, 0.40, 0.38
HSL	66°, 25%, 50%
HSV	66°, 40%, 62%
XYZ	27.6449, 32.4131, 15.8687
YIQ	150.0240, 16.6470, -20.8650

Conversions

Conversions Part 2

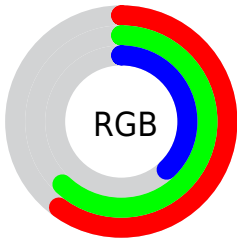
Format	Color
R_YB	96, 159, 102
Decimal	10067808
CIE Lab	63.68, -12.18, 32.13
CIE LCh	64, 34.365, 110.759
Yxy	32.4131, 0.3641, 0.4269
Android (android.graphics.Color)	4288257888 (0xFF999F60)
YUV	150.0240, -26.6338, 2.6100
Hunter-Lab	56.9325, -12.9570, 23.3270

Details

The Yxy color **32.4131, 0.3641, 0.4269** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.6987, 0.2479, 0.2133**, and the grayscale version is **30.6202, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6096, 0.3549, 0.4080**, and **13.7052, 0.3777, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **32.0037, 0.3756, 0.4502**, and if you desaturate by 10%, it is **32.8865, 0.3515, 0.4022**.

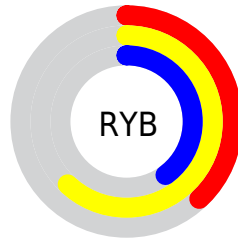
Distribution



Red (60%)

Green (62%)

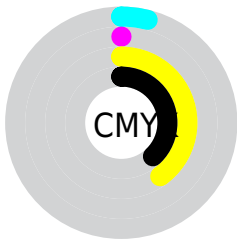
Blue (38%)



Red (38%)

Yellow (62%)

Blue (40%)

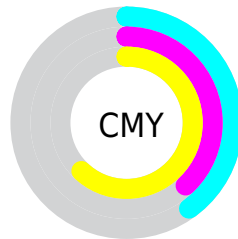


Cyan (4%)

Magenta (0%)

Yellow (40%)

Black (38%)



Cyan (40%)


Magenta (38%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4131, 0.3641, 0.4269 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 32.4131, 0.3641, 0.4269 by changing the saturation by 10% instead.


 32.4131, 0.3641,
0.4269


 32.4131, 0.3641,
0.4269

312.9968, 0.3383,
0.3743


 21.6772, 0.3702,
0.4410


 63.4581, 0.3549,
0.4070

 13.6199, 0.3777,
0.4596


 84.5361, 0.3513,
0.3997

 7.8568, 0.3865,
0.4847

 109.8302, 0.3483,
0.3937

 4.0035, 0.3980,
0.5226

 139.7248, 0.3457,
0.3886

 1.6755, 0.4132,
0.5868

174.6044, 0.3435,
0.3842

 0.4077, 0.1811,
0.8189

214.8534, 0.3415,

 0.0000, 0.0000,

0.3805

0.0000

260.8560, 0.3398,
0.3772

■ 32.4131, 0.3641,
0.4269

■ 32.4131, 0.3641,
0.4269

■ 32.0037, 0.3756,
0.4502

■ 32.8865, 0.3515,
0.4022

■ 31.6504, 0.3855,
0.4712

■ 33.4230, 0.3384,
0.3770

■ 31.3506, 0.3934,
0.4888


■ 34.0269, 0.3252,
0.3521

■ 31.0998, 0.3989,
0.5026


■ 34.7011, 0.3122,
0.3281


■ 30.8928, 0.4018,
0.5121


■ 35.4484, 0.2998,
0.3054


 30.7175, 0.4028,
0.5181

 36.2712, 0.2881,
0.2842

 30.7109, 0.4028,
0.5183

 37.1721, 0.2772,
0.2646

 38.1532, 0.2671,
0.2468

 39.2169, 0.2579,
0.2306

Harmonies

Analogous

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



32.4131, 0.4049, 0.4062



32.4131, 0.3641, 0.4269



32.4131, 0.3115, 0.4174

Triad

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



32.4131, 0.3641, 0.4269



32.4131, 0.2150, 0.2752



32.4131, 0.3617, 0.2868

Complementary

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



32.4131, 0.3641, 0.4269



13.6987, 0.2479, 0.2133

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.



32.4131, 0.3064, 0.2577



32.4131, 0.3641, 0.4269



32.4131, 0.2254, 0.2490

Square

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



32.4131, 0.3641, 0.4269



32.4131, 0.2274, 0.3213



32.4131, 0.2573, 0.2439



32.4131, 0.4053, 0.3260

Rectangle

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



32.4131, 0.3641, 0.4269



32.4131, 0.2771, 0.3926



32.4131, 0.2573, 0.2439



32.4131, 0.3436, 0.2757

Sweetspot

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



32.4146, 0.3641, 0.4269



60.6385, 0.3286, 0.3586



17.5751, 0.4055, 0.3379



13.6409, 0.3302, 0.3615



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.



32.4146, 0.3641, 0.4269



57.3583, 0.3748, 0.4486



29.8002, 0.3319, 0.4382



7.6881, 0.3247, 0.3512



24.2639, 0.4030, 0.5182



0.4423, 0.4100, 0.5127

Inverse Universe

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



13.6987, 0.2479, 0.2133



18.8570, 0.2295, 0.1816



15.8389, 0.2839, 0.2240



6.4641, 0.3002, 0.3060



2.0677, 0.1541, 0.0622



0.0448, 0.1727, 0.0725

Previews

White Background



This preview shows how the Yxy color 32.4131, 0.3641, 0.4269 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 32.4131, 0.3641, 0.4269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

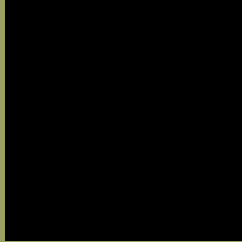
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4131, 0.3641, 0.4269

Background



This preview shows how black text looks on a background with the Yxy color 32.4131, 0.3641, 0.4269.



This preview shows how white text looks on a background with the Yxy color 32.4131, 0.3641, 0.4269.

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

32.4131, 0.3641, 0.4269

Protanopia

32.2442, 0.3850, 0.4176

Deuteranopia

32.2074, 0.4045, 0.3955



Tritanopia

32.3546, 0.3115, 0.3113

Trichromacy



Original Color

32.4131, 0.3641, 0.4269

Protanomaly

32.3897, 0.3774, 0.4207

Deuteranomaly

32.0137, 0.3897, 0.4060

Tritanomaly

32.2444, 0.3309, 0.3520

Monochromacy



Original Color

32.4131, 0.3641, 0.4269

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9735, 0.3325, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4131, 0.3641, 0.4269 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(153, 159, 96)` looks like.

```
.text, #text, p{  
    color:rgb(153, 159, 96)  
}
```

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(153, 159, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 159, 96) }
```

Border

The CSS property to change the border of an element to Yxy 32.4131, 0.3641, 0.4269 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(153, 159, 96) }
```

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

```
.border{ border-color:rgb(153, 159, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 159, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 159, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 159, 96);  
box-shadow:4px 4px 4px 4px rgb(153, 159,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4131, 0.3641, 0.4269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 159, 96) }
```

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

```
.background{ background-color: rgb(153,  
159, 96) }
```

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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