

Converting Colors

$Yxy(32.2925, 0.3430, 0.4092)$

Have a look what the booklet for
Yxy(32.2925, 0.3430, 0.4092)
contains.

Yxy(32.2871, 0.3430, 0.4092)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.2871, 0.3430, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	91A06E
RGB	145, 160, 110
RGB Percent	57%, 63%, 43%
CMY	0.4313, 0.3725, 0.5687
CMYK	0.09, 0.00, 0.31, 0.37
HSL	78°, 21%, 53%
HSV	78°, 31%, 63%
XYZ	27.0637, 32.2871, 19.5522
YIQ	149.8150, 7.1100, -18.7300

Conversions

Conversions Part 2

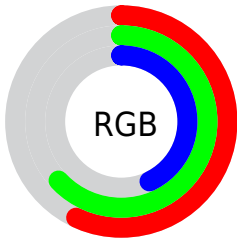
Format	Color
RYB	110, 160, 125
Decimal	9543790
CIELab	63.58, -14.07, 24.37
CIELCh	64, 28.143, 120.003
Yxy	32.2871, 0.3430, 0.4092
Android (android.graphics.Color)	4287733870 (0xFF91A06E)
YUV	149.8150, -19.6288, -4.2228
Hunter-Lab	56.8217, -14.4200, 19.3737

Details

The Yxy color $32.2871, 0.3430, 0.4092$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.0437, 0.2750, 0.2436$, and the grayscale version is $30.5003, 0.3127, 0.3290$.

A 20% lighter version of the original color is $63.3516, 0.3372, 0.3928$, and $13.6648, 0.3507, 0.4375$ is the 20% darker color. If you saturate the color by 10%, you get $31.5446, 0.3518, 0.4362$, and if you desaturate by 10%, it is $33.1138, 0.3335, 0.3824$.

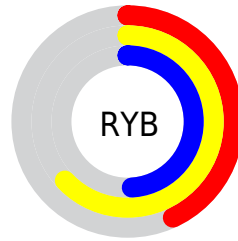
Distribution



Red (57%)

Green (63%)

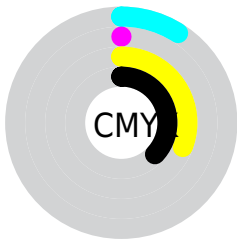
Blue (43%)



Red (43%)

Yellow (63%)

Blue (49%)

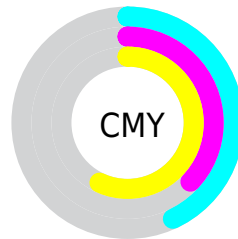


Cyan (9%)

Magenta (0%)

Yellow (31%)

Black (37%)



Cyan (43%)


Magenta (37%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2871, 0.3430, 0.4092 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 32.2871, 0.3430, 0.4092 by changing the saturation by 10% instead.

 32.2871, 0.3430,
0.4092


 32.2871, 0.3430,
0.4092


312.4250, 0.3278,
0.3656

 21.5809, 0.3466,
0.4213


 63.2609, 0.3375,
0.3925


 13.5493, 0.3511,
0.4375


 84.2973, 0.3355,
0.3865

 7.8079, 0.3566,
0.4603


 109.5458, 0.3337,
0.3815

 3.9722, 0.3628,
0.4942

 139.3909, 0.3322,
0.3773

 1.6580, 0.4009,
0.5991

174.2170, 0.3309,
0.3737

 0.3963, 0.0771,
0.9229

214.4085, 0.3297,

 0.0000, 0.0000,

0.3706

0.0000

260.3497, 0.3287,
0.3680

■ 32.2871, 0.3430,
0.4092

■ 32.2871, 0.3430,
0.4092

■ 31.5446, 0.3518,
0.4362

■ 33.1138, 0.3335,
0.3824

■ 30.8784, 0.3595,
0.4624

■ 34.0236, 0.3237,
0.3565

■ 30.2859, 0.3655,
0.4867


■ 35.0213, 0.3139,
0.3320


■ 29.7628, 0.3694,
0.5079


■ 36.1098, 0.3044,
0.3092

■ 29.3042, 0.3710,
0.5252


■ 37.2918, 0.2954,
0.2882

 28.9043, 0.3701,
0.5379

 38.5701, 0.2868,
0.2691

 28.5912, 0.3679,
0.5461

 39.9471, 0.2789,
0.2518

 41.4255, 0.2715,
0.2362

 43.0074, 0.2646,
0.2222

Harmonies

Analogous

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



32.2871, 0.3806, 0.4004



32.2871, 0.3430, 0.4092



32.2871, 0.2989, 0.3923

Triad

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



32.2871, 0.3430, 0.4092



32.2871, 0.2318, 0.2765



32.2871, 0.3657, 0.3037

Complementary

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



32.2871, 0.3430, 0.4092



18.0437, 0.2750, 0.2436

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.



32.2871, 0.3220, 0.2757



32.2871, 0.3430, 0.4092



32.2871, 0.2465, 0.2593

Square

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



32.2871, 0.3430, 0.4092



32.2871, 0.2365, 0.3104



32.2871, 0.2785, 0.2597



32.2871, 0.3952, 0.3384

Rectangle

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



32.2871, 0.3430, 0.4092



32.2871, 0.2719, 0.3684



32.2871, 0.2785, 0.2597



32.2871, 0.3520, 0.2933

Sweetspot

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



32.2885, 0.3430, 0.4092



62.1416, 0.3216, 0.3512



23.0531, 0.3747, 0.3520



13.5757, 0.3230, 0.3547



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.



32.2885, 0.3430, 0.4092



57.6035, 0.3497, 0.4294



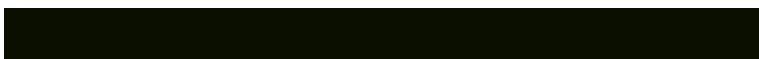
30.3192, 0.3187, 0.4157



7.6206, 0.3217, 0.3514



22.2956, 0.3684, 0.5457



0.4194, 0.3899, 0.5286

Inverse Universe

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



18.0437, 0.2750, 0.2436



27.2942, 0.2637, 0.2203



20.0912, 0.3032, 0.2502



6.5268, 0.3032, 0.3062



2.4859, 0.1719, 0.0721



0.0649, 0.2147, 0.0957

Previews

White Background



This preview shows how the Yxy color 32.2871, 0.3430, 0.4092 looks on a white background.

Color Contrast Check

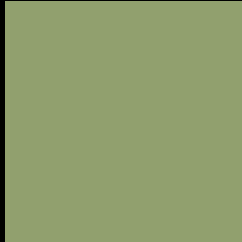
Large Text (above 18pt) WCAG AA × Fail

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 32.2871, 0.3430, 0.4092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

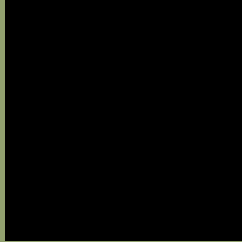
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2871, 0.3430, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 32.2871, 0.3430, 0.4092.



This preview shows how white text looks on a background with the Yxy color 32.2871, 0.3430, 0.4092.

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

32.2871, 0.3430, 0.4092

Protanopia

32.2797, 0.3706, 0.3996

Deuteranopia

32.0048, 0.3857, 0.3775



Tritanopia

32.2714, 0.3018, 0.3110

Trichromacy



Original Color

32.2871, 0.3430, 0.4092

Protanomaly

32.1287, 0.3600, 0.4031

Deuteranomaly

32.0613, 0.3699, 0.3887

Tritanomaly

32.3053, 0.3168, 0.3461

Monochromacy



Original Color

32.2871, 0.3430, 0.4092

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.1564, 0.3244, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2871, 0.3430, 0.4092 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(145, 160, 110)` looks like.

```
.text, #text, p{  
    color:rgb(145, 160, 110)  
}
```

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(145, 160, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 160, 110) }
```

Border

The CSS property to change the border of an element to Yxy 32.2871, 0.3430, 0.4092 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(145, 160, 110) }
```

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

```
.border{ border-color:rgb(145, 160, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 160, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 160, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 160, 110);  
box-shadow:4px 4px 4px 4px rgb(145, 160,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2871, 0.3430, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 160, 110) }
```

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

```
.background{ background-color: rgb(145,  
160, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor