

Converting Colors

$Yxy(32.5316, 0.3029, 0.4599)$

Have a look what the booklet for
Yxy(32.5316, 0.3029, 0.4599)
contains.

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Color

Yxy(32.3348, 0.3028, 0.4600)

Conversions

Conversions Part 1

Format	Color
Hex	5DAB62
RGB	93, 171, 98
RGB Percent	36%, 67%, 38%
CMY	0.6351, 0.3294, 0.6157
CMYK	0.46, 0.00, 0.43, 0.33
HSL	124°, 32%, 52%
HSV	124°, 46%, 67%
XYZ	21.2847, 32.3348, 16.6735
YIQ	139.3560, -23.0550, -39.2390

Conversions

Conversions Part 2

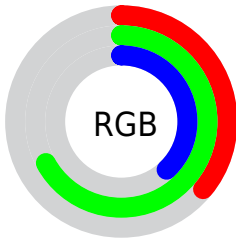
Format	Color
RYB	93, 166, 171
Decimal	6138722
CIELab	63.62, -39.55, 30.27
CIElCh	64, 49.808, 142.570
Yxy	32.3348, 0.3028, 0.4600
Android (android.graphics.Color)	4284328802 (0xFF5DAB62)
YUV	139.3560, -20.3885, -40.6542
Hunter-Lab	56.8637, -32.6969, 22.4196

Details

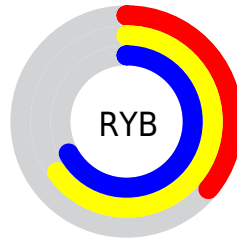
The Yxy color **32.3348, 0.3028, 0.4600** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **19.2488, 0.3239, 0.2259**, and the grayscale version is **26.0543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3432, 0.3060, 0.4307**, and **13.5805, 0.2936, 0.5101** is the 20% darker color. If you saturate the color by 10%, you get **31.2681, 0.3009, 0.4937**, and if you desaturate by 10%, it is **33.6643, 0.3049, 0.4269**.

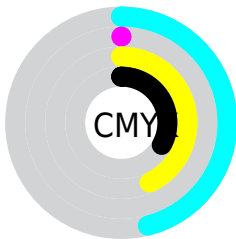
Distribution



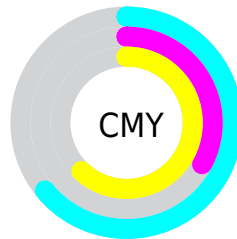
- Red (36%)
- Green (67%)
- Blue (38%)



- Red (36%)
- Yellow (65%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)





- Cyan (64%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3348, 0.3028, 0.4600 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 32.3348, 0.3028, 0.4600 by changing the saturation by 10% instead.


 32.3348, 0.3028,
0.4600


 32.3348, 0.3028,
0.4600


312.6416, 0.3107,
0.3863


 21.6174, 0.2994,
0.4814


 63.3356, 0.3066,
0.4311


 13.5760, 0.2940,
0.5107


 84.3877, 0.3077,
0.4208

 7.8264, 0.2846,
0.5530


 109.6535, 0.3086,
0.4125

 3.9840, 0.2671,
0.6194

 139.5174, 0.3092,
0.4055

 1.6646, 0.2192,
0.7808

174.3637, 0.3097,
0.3996

 0.4006, 0.0000,
1.0000

214.5770, 0.3101,

 0.0000, 0.0000,

0.3945

0.0000

260.5414, 0.3104,
0.3901

■ 32.3348, 0.3028,
0.4600

■ 32.3348, 0.3028,
0.4600

■ 31.2681, 0.3009,
0.4937

■ 33.6643, 0.3049,
0.4269

■ 30.4430, 0.2995,
0.5258

■ 35.2680, 0.3072,
0.3956

■ 29.8417, 0.2986,
0.5542


■ 37.1616, 0.3094,
0.3672


■ 29.4423, 0.2984,
0.5765

■ 39.3585, 0.3116,
0.3418


■ 29.2171, 0.2988,
0.5913

■ 41.8711, 0.3136,
0.3196

 29.1488, 0.2988,
0.5956

 44.7112, 0.3155,
0.3002

 47.8901, 0.3172,
0.2835

 51.4183, 0.3187,
0.2691

 55.3062, 0.3201,
0.2568

Harmonies

Analogous

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



32.3348, 0.3774, 0.4716



32.3348, 0.3028, 0.4600



32.3348, 0.2349, 0.3939

Triad

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



32.3348, 0.3028, 0.4600



32.3348, 0.1937, 0.2157



32.3348, 0.4500, 0.3246

Complementary

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



32.3348, 0.3028, 0.4600



19.2488, 0.3239, 0.2259

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.



32.3348, 0.3874, 0.2723



32.3348, 0.3028, 0.4600



32.3348, 0.2375, 0.2123

Square

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



32.3348, 0.3028, 0.4600



32.3348, 0.1780, 0.2471



32.3348, 0.3067, 0.2327



32.3348, 0.4679, 0.3820

Rectangle

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



32.3348, 0.3028, 0.4600



32.3348, 0.2025, 0.3368



32.3348, 0.3067, 0.2327



32.3348, 0.4332, 0.3063

Sweetspot

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



32.3362, 0.3028, 0.4600



67.0520, 0.3097, 0.3636



38.1424, 0.3750, 0.4402



14.7805, 0.3092, 0.3692



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.



32.3362, 0.3028, 0.4600



55.9366, 0.3009, 0.4949



33.2296, 0.2761, 0.3901



8.9473, 0.3108, 0.3509



21.9775, 0.2986, 0.5949



0.6140, 0.2925, 0.5732

Inverse Universe

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



19.2488, 0.3239, 0.2259



29.4481, 0.3268, 0.2058



18.0557, 0.3768, 0.2764



8.1392, 0.3147, 0.3080



8.4466, 0.3372, 0.1631



0.2376, 0.3318, 0.1602

Previews

White Background



This preview shows how the Yxy color 32.3348, 0.3028, 0.4600 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 32.3348, 0.3028, 0.4600 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 32.3348, 0.3028, 0.4600

Background



This preview shows how black text looks on a background with the Yxy color 32.3348, 0.3028, 0.4600.



This preview shows how white text looks on a background with the Yxy color 32.3348, 0.3028, 0.4600.

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

32.3348, 0.3028, 0.4600

Protanopia

31.8626, 0.3883, 0.4204

Deuteranopia

31.9342, 0.3961, 0.3897



Tritanopia

32.1870, 0.2580, 0.3080

Trichromacy



Original Color

32.3348, 0.3028, 0.4600

Protanomaly

31.6125, 0.3526, 0.4358

Deuteranomaly

31.2203, 0.3569, 0.4148

Tritanomaly

31.9004, 0.2741, 0.3597

Monochromacy



Original Color

32.3348, 0.3028, 0.4600

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

27.7260, 0.3085, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3348, 0.3028, 0.4600 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(93, 171, 98)` looks like.

```
.text, #text, p{  
    color:rgb(93, 171, 98)  
}
```

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(93, 171, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 171, 98) }
```

Border

The CSS property to change the border of an element to Yxy 32.3348, 0.3028, 0.4600 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(93, 171, 98) }
```

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

```
.border{ border-color:rgb(93, 171, 98) }
```

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

Here you see how a box with a 4 pixel rgb(93, 171, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 171, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 171, 98);  
box-shadow:4px 4px 4px 4px rgb(93, 171,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3348, 0.3028, 0.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 171, 98) }
```

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

```
.background{ background-color: rgb(93, 171,  
98) }
```

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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