

Converting Colors

$Y_{xy}(29.3965, 0.3511, 0.4305)$

Have a look what the booklet for
Yxy(29.3965, 0.3511, 0.4305)
contains.

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Color

$\text{Yxy}(29.2377, 0.3508, 0.4293)$

Conversions

Conversions Part 1

Format	Color
Hex	899A5E
RGB	137, 154, 94
RGB Percent	54%, 60%, 37%
CMY	0.4628, 0.3961, 0.6313
CMYK	0.11, 0.00, 0.39, 0.40
HSL	77°, 24%, 49%
HSV	77°, 39%, 60%
XYZ	23.8914, 29.2377, 14.9764
YIQ	142.0770, 9.1280, -22.2640

Conversions

Conversions Part 2

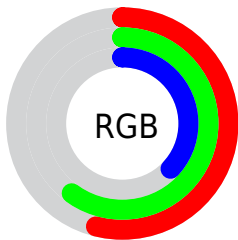
Format	Color
RYB	94, 154, 111
Decimal	9017950
CIELab	60.99, -16.30, 29.50
CIElCh	61, 33.709, 118.927
Yxy	29.2377, 0.3508, 0.4293
Android (android.graphics.Color)	4287208030 (0xFF899A5E)
YUV	142.0770, -23.7020, -4.4525
Hunter-Lab	54.0719, -15.7564, 21.4287

Details

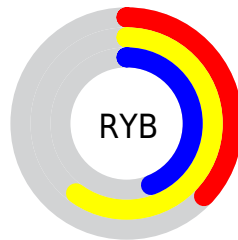
The Yxy color **29.2377, 0.3508, 0.4293** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7224, 0.2624, 0.2196**, and the grayscale version is **27.1754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2325, 0.3442, 0.4077**, and **11.8762, 0.3607, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **28.6278, 0.3590, 0.4555**, and if you desaturate by 10%, it is **29.9204, 0.3415, 0.4026**.

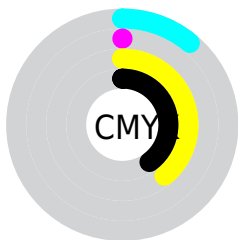
Distribution



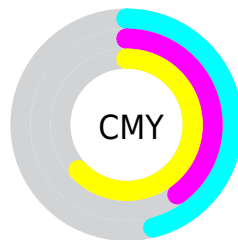
- Red (54%)
- Green (60%)
- Blue (37%)



- Red (37%)
- Yellow (60%)
- Blue (44%)



- Cyan (11%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)




- Cyan (46%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2377, 0.3508, 0.4293 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 29.2377, 0.3508, 0.4293 by changing the saturation by 10% instead.


 29.2377, 0.3508,
0.4293


 29.2377, 0.3508,
0.4293


298.3348, 0.3318,
0.3739

 19.2607, 0.3552,
0.4449


 58.4545, 0.3441,
0.4079


 11.8588, 0.3603,
0.4659


 78.4632, 0.3415,
0.4002

 6.6476, 0.3660,
0.4953


 102.5845, 0.3392,
0.3939

 3.2427, 0.3754,
0.5459

 131.2028, 0.3373,
0.3886

 1.2597, 0.3758,
0.6242

164.7027, 0.3357,
0.3841

 0.1097, 0.0000,
1.0000

203.4683, 0.3342,

 0.0000, 0.0000,

0.3802

0.0000

247.8843, 0.3329,
0.3768

■ 29.2377, 0.3508,
0.4293

■ 29.2377, 0.3508,
0.4293

■ 28.6278, 0.3590,
0.4555

■ 29.9204, 0.3415,
0.4026

■ 28.0832, 0.3657,
0.4800

■ 30.6750, 0.3317,
0.3761

■ 27.6014, 0.3705,
0.5017


■ 31.5060, 0.3216,
0.3506


■ 27.1782, 0.3729,
0.5197


■ 32.4160, 0.3117,
0.3266

■ 26.8084, 0.3729,
0.5333


■ 33.4078, 0.3021,
0.3042

 26.4818, 0.3709,
0.5429

 34.4838, 0.2929,
0.2837

 26.4488, 0.3707,
0.5439

 35.6464, 0.2843,
0.2650

 36.8979, 0.2764,
0.2480

 38.2404, 0.2690,
0.2328

Harmonies

Analogous

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



29.2377, 0.3969, 0.4153



29.2377, 0.3508, 0.4293



29.2377, 0.2967, 0.4102

Triad

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



29.2377, 0.3508, 0.4293



29.2377, 0.2143, 0.2650



29.2377, 0.3764, 0.2963

Complementary

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



29.2377, 0.3508, 0.4293



13.7224, 0.2624, 0.2196

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.



29.2377, 0.3216, 0.2634



29.2377, 0.3508, 0.4293



29.2377, 0.2310, 0.2444

Square

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



29.2377, 0.3508, 0.4293



29.2377, 0.2205, 0.3067



29.2377, 0.2686, 0.2448



29.2377, 0.4143, 0.3376

Rectangle

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



29.2377, 0.3508, 0.4293



29.2377, 0.2637, 0.3801



29.2377, 0.2686, 0.2448



29.2377, 0.3591, 0.2841

Sweetspot

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



29.2390, 0.3508, 0.4293



56.7167, 0.3249, 0.3588



19.0502, 0.3950, 0.3578



12.7965, 0.3261, 0.3619



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.2390, 0.3508, 0.4293



52.1069, 0.3583, 0.4529



27.0481, 0.3196, 0.4400



7.1348, 0.3219, 0.3513



21.5653, 0.3711, 0.5436



0.3404, 0.3938, 0.5255

Inverse Universe

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



13.7224, 0.2624, 0.2196



19.7431, 0.2477, 0.1910



16.0043, 0.3001, 0.2306



6.1069, 0.3030, 0.3063



2.3476, 0.1701, 0.0711



0.0518, 0.2137, 0.0951

Previews

White Background



This preview shows how the Yxy color 29.2377, 0.3508, 0.4293 looks on a white background.

Color Contrast Check

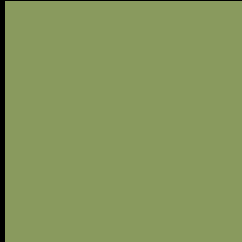
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2377, 0.3508, 0.4293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

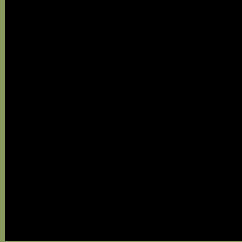
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2377, 0.3508, 0.4293

Background



This preview shows how black text looks on a background with the Yxy color 29.2377, 0.3508, 0.4293.



This preview shows how white text looks on a background with the Yxy color 29.2377, 0.3508, 0.4293.

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

29.2377, 0.3508, 0.4293

Protanopia

29.0964, 0.3830, 0.4156

Deuteranopia

28.8493, 0.3999, 0.3919



Tritanopia

29.0461, 0.3004, 0.3102

Trichromacy



Original Color

29.2377, 0.3508, 0.4293

Protanomaly

29.2608, 0.3712, 0.4213

Deuteranomaly

28.7767, 0.3817, 0.4047

Tritanomaly

28.9949, 0.3189, 0.3519

Monochromacy



Original Color

29.2377, 0.3508, 0.4293

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.6139, 0.3270, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2377, 0.3508, 0.4293 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(137, 154, 94)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 94)  
}
```

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(137, 154, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.2377, 0.3508, 0.4293 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(137, 154, 94) }
```

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

```
.border{ border-color:rgb(137, 154, 94) }
```

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

Here you see how a box with a 4 pixel rgb(137, 154, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 94);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2377, 0.3508, 0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 94) }
```

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

```
.background{ background-color: rgb(137,  
154, 94) }
```

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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