

Converting Colors

$Y_{xy}(29.5033, 0.3346, 0.4316)$

Have a look what the booklet for
Yxy(29.5033, 0.3346, 0.4316)
contains.

Yxy(29.4314, 0.3346, 0.4307)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.4314, 0.3346, 0.4307)

Conversions

Conversions Part 1

Format	Color
Hex	7E9D62
RGB	126, 157, 98
RGB Percent	49%, 62%, 38%
CMY	0.5060, 0.3843, 0.6156
CMYK	0.20, 0.00, 0.38, 0.38
HSL	92°, 23%, 50%
HSV	92°, 38%, 62%
XYZ	22.8645, 29.4314, 16.0380
YIQ	141.0050, 0.4630, -24.9210

Conversions

Conversions Part 2

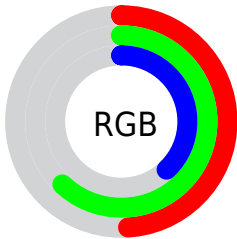
Format	Color
R_{YB}	98, 157, 129
Decimal	8297826
CIE _{Lab}	61.16, -21.62, 27.41
CIE _{LCh}	61, 34.914, 128.268
Yxy	29.4314, 0.3346, 0.4307
Android (android.graphics.Color)	4286487906 (0xFF7E9D62)
YUV	141.0050, -21.2015, -13.1594
Hunter-Lab	54.2507, -19.7081, 20.4478

Details

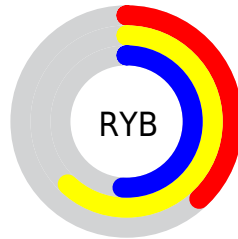
The Yxy color $29.4314, 0.3346, 0.4307$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.8471, 0.2817, 0.2287$, and the grayscale version is $26.7227, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9602, 0.3318, 0.4093$, and $12.0749, 0.3393, 0.4703$ is the 20% darker color. If you saturate the color by 10%, you get $28.5624, 0.3389, 0.4604$, and if you desaturate by 10%, it is $30.4130, 0.3293, 0.4015$.

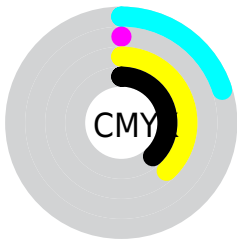
Distribution



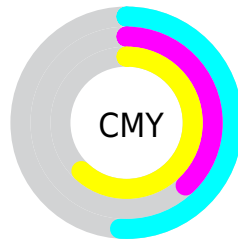
- Red (49%)
- Green (62%)
- Blue (38%)



- Red (38%)
- Yellow (62%)
- Blue (51%)



- Cyan (20%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)




- Cyan (51%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4314, 0.3346, 0.4307 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 29.4314, 0.3346, 0.4307 by changing the saturation by 10% instead.


 29.4314, 0.3346,
0.4307


 29.4314, 0.3346,
0.4307


299.2450, 0.3244,
0.3739


 19.4074, 0.3366,
0.4470


 58.7618, 0.3312,
0.4085

 11.9650, 0.3386,
0.4692


 78.8370, 0.3298,
0.4007

 6.7199, 0.3399,
0.5011


 103.0314, 0.3286,
0.3942

 3.2875, 0.3402,
0.5531

 131.7294, 0.3275,
0.3888

 1.2836, 0.3349,
0.6651

165.3153, 0.3266,
0.3843

 0.1285, 0.0000,
1.0000

204.1736, 0.3258,

 0.0000, 0.0000,

0.3803

0.0000

248.6887, 0.3250,
0.3769

■ 29.4314, 0.3346,
0.4307

■ 29.4314, 0.3346,
0.4307

■ 28.5624, 0.3389,
0.4604

■ 30.4130, 0.3293,
0.4015

■ 27.7974, 0.3419,
0.4893

■ 31.5078, 0.3235,
0.3735

■ 27.1328, 0.3431,
0.5160


■ 32.7210, 0.3174,
0.3474


■ 26.5629, 0.3424,
0.5390


■ 34.0565, 0.3112,
0.3234

■ 26.0814, 0.3396,
0.5571

■ 35.5179, 0.3052,
0.3016


 25.6783, 0.3351,
0.5701

 37.1089, 0.2994,
0.2820

 25.5883, 0.3340,
0.5730

 38.8327, 0.2939,
0.2645

 40.6925, 0.2887,
0.2488

 42.6915, 0.2839,
0.2349

Harmonies

Analogous

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



29.4314, 0.3864, 0.4256



29.4314, 0.3346, 0.4307



29.4314, 0.2795, 0.4000

Triad

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



29.4314, 0.3346, 0.4307



29.4314, 0.2142, 0.2539



29.4314, 0.3936, 0.3078

Complementary

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



29.4314, 0.3346, 0.4307



15.8471, 0.2817, 0.2287

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.



29.4314, 0.3401, 0.2707



29.4314, 0.3346, 0.4307



29.4314, 0.2384, 0.2398

Square

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



29.4314, 0.3346, 0.4307



29.4314, 0.2131, 0.2903



29.4314, 0.2829, 0.2464



29.4314, 0.4237, 0.3515

Rectangle

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



29.4314, 0.3346, 0.4307



29.4314, 0.2483, 0.3643



29.4314, 0.2829, 0.2464



29.4314, 0.3774, 0.2944

Sweetspot

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



29.4327, 0.3346, 0.4307



57.7768, 0.3196, 0.3567



23.6206, 0.3831, 0.3787



12.6538, 0.3204, 0.3599



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.



29.4327, 0.3346, 0.4307



51.3985, 0.3383, 0.4554



27.6157, 0.3067, 0.4378



7.5474, 0.3184, 0.3516



20.8022, 0.3345, 0.5726



0.3970, 0.3665, 0.5472

Inverse Universe

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



15.8471, 0.2817, 0.2287



23.5169, 0.2726, 0.2048



18.3108, 0.3182, 0.2400



6.5983, 0.3066, 0.3064



3.4781, 0.2095, 0.0928



0.0873, 0.2533, 0.1169

Previews

White Background



This preview shows how the Yxy color 29.4314, 0.3346, 0.4307 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 29.4314, 0.3346, 0.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

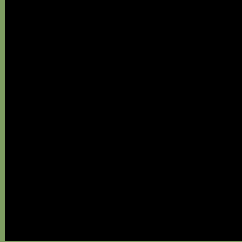
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4314, 0.3346, 0.4307

Background



This preview shows how black text looks on a background with the Yxy color 29.4314, 0.3346, 0.4307.



This preview shows how white text looks on a background with the Yxy color 29.4314, 0.3346, 0.4307.

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

29.4314, 0.3346, 0.4307

Protanopia

29.1492, 0.3802, 0.4112

Deuteranopia

29.2392, 0.3940, 0.3862



Tritanopia

29.2190, 0.2881, 0.3098

Trichromacy



Original Color

29.4314, 0.3346, 0.4307

Protanomaly

29.2553, 0.3634, 0.4195

Deuteranomaly

29.0761, 0.3710, 0.4012

Tritanomaly

29.1970, 0.3057, 0.3523

Monochromacy



Original Color

29.4314, 0.3346, 0.4307

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.5823, 0.3225, 0.3662

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4314, 0.3346, 0.4307 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(126, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(126, 157, 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(126, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 157, 98) }
```

Border

The CSS property to change the border of an element to Yxy 29.4314, 0.3346, 0.4307 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(126, 157, 98) }
```

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

```
.border{ border-color:rgb(126, 157, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 157, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(126, 157,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4314, 0.3346, 0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 157, 98) }
```

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

```
.background{ background-color: rgb(126,  
157, 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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