

Converting Colors

$Yxy(32.8140, 0.3518, 0.4037)$

Have a look what the booklet for
Yxy(32.8140, 0.3518, 0.4037)
contains.

Yxy(32.8140, 0.3518, 0.4037)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.8140, 0.3518, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	9A9F6F
RGB	154, 159, 111
RGB Percent	60%, 62%, 44%
CMY	0.3961, 0.3765, 0.5646
CMYK	0.03, 0.00, 0.30, 0.38
HSL	66°, 20%, 53%
HSV	66°, 30%, 62%
XYZ	28.5954, 32.8140, 19.8737
YIQ	152.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

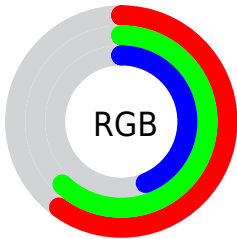
Format	Color
RYB	111, 159, 116
Decimal	10133359
CIELab	64.01, -9.84, 24.50
CIElCh	64, 26.400, 111.876
Yxy	32.8140, 0.3518, 0.4037
Android (android.graphics.Color)	4288323439 (0xFF9A9F6F)
YUV	152.0330, -20.2293, 1.7251
Hunter-Lab	57.2835, -11.1406, 19.5286

Details

The Yxy color $32.8140, 0.3518, 0.4037$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.5937, 0.2662, 0.2446$, and the grayscale version is $31.5011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $64.2928, 0.3445, 0.3889$, and $13.9088, 0.3621, 0.4291$ is the 20% darker color. If you saturate the color by 10%, you get $32.3342, 0.3642, 0.4285$, and if you desaturate by 10%, it is $33.3613, 0.3388, 0.3785$.

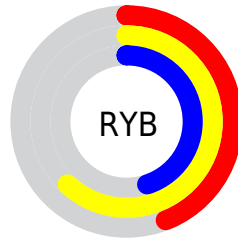
Distribution



Red (60%)

Green (62%)

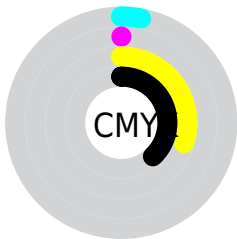
Blue (44%)



Red (44%)

Yellow (62%)

Blue (45%)

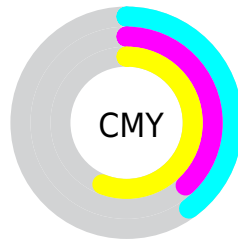


Cyan (3%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8140, 0.3518, 0.4037 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 32.8140, 0.3518, 0.4037 by changing the saturation by 10% instead.

32.8140, 0.3518,
0.4037

32.8140, 0.3518,
0.4037

314.8108, 0.3318,
0.3635

21.9840, 0.3568,
0.4146

64.0850, 0.3445,
0.3884

13.8451, 0.3631,
0.4292

85.2948, 0.3418,
0.3829

8.0130, 0.3712,
0.4493

110.7334, 0.3394,
0.3783

4.1033, 0.3815,
0.4787

140.7850, 0.3375,
0.3744

1.7315, 0.4285,
0.5715

175.8342, 0.3358,
0.3711

0.4439, 0.2906,
0.7094

216.2653, 0.3343,

0.0000, 0.0000,

0.3682

0.0000

262.4627, 0.3330,
0.3657

■ 32.8140, 0.3518,
0.4037

■ 32.8140, 0.3518,
0.4037

■ 32.3342, 0.3642,
0.4285

■ 33.3613, 0.3388,
0.3785

■ 31.9143, 0.3755,
0.4518

■ 33.9748, 0.3258,
0.3535

■ 31.5520, 0.3851,
0.4727


■ 34.6589, 0.3129,
0.3294


■ 31.2433, 0.3927,
0.4904

■ 35.4162, 0.3006,
0.3066

■ 30.9838, 0.3979,
0.5041


■ 36.2493, 0.2890,
0.2853


 30.7679, 0.4006,
0.5135

 37.1606, 0.2781,
0.2657

 30.5860, 0.4013,
0.5195

 38.1524, 0.2681,
0.2478

 39.2271, 0.2589,
0.2316

 40.3866, 0.2505,
0.2168

Harmonies

Analogous

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



32.8140, 0.3832, 0.3904



32.8140, 0.3518, 0.4037



32.8140, 0.3111, 0.3944

Triad

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



32.8140, 0.3518, 0.4037



32.8140, 0.2362, 0.2873



32.8140, 0.3519, 0.2974

Complementary

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



32.8140, 0.3518, 0.4037



17.5937, 0.2662, 0.2446

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.



32.8140, 0.3099, 0.2736



32.8140, 0.3518, 0.4037



32.8140, 0.2452, 0.2665

Square

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



32.8140, 0.3518, 0.4037



32.8140, 0.2457, 0.3225



32.8140, 0.2713, 0.2623



32.8140, 0.3841, 0.3290

Rectangle

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



32.8140, 0.3518, 0.4037



32.8140, 0.2845, 0.3755



32.8140, 0.2713, 0.2623



32.8140, 0.3383, 0.2883

Sweetspot

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



32.8155, 0.3518, 0.4037



60.9612, 0.3245, 0.3510



20.9704, 0.3760, 0.3370



13.7073, 0.3263, 0.3544



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.



32.8155, 0.3518, 0.4037



58.1941, 0.3600, 0.4199



30.7083, 0.3272, 0.4100



7.6853, 0.3246, 0.3512



24.1679, 0.4015, 0.5194



0.4412, 0.4091, 0.5133

Inverse Universe

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



17.5937, 0.2662, 0.2446



26.6080, 0.2542, 0.2233



19.4379, 0.2932, 0.2507



6.4667, 0.3003, 0.3060



2.0777, 0.1545, 0.0625



0.0456, 0.1746, 0.0736

Previews

White Background



This preview shows how the Yxy color 32.8140, 0.3518, 0.4037 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 32.8140, 0.3518, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

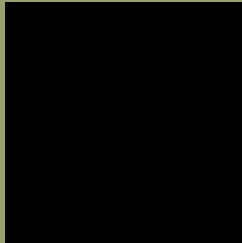
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8140, 0.3518, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 32.8140, 0.3518, 0.4037.



This preview shows how white text looks on a background with the Yxy color 32.8140, 0.3518, 0.4037.

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

32.8140, 0.3518, 0.4037

Protanopia

32.7623, 0.3693, 0.3978

Deuteranopia

32.7544, 0.3858, 0.3800



Tritanopia

32.7139, 0.3106, 0.3114

Trichromacy



Original Color

32.8140, 0.3518, 0.4037

Protanomaly

32.5841, 0.3625, 0.3990

Deuteranomaly

32.7230, 0.3728, 0.3893

Tritanomaly

32.7561, 0.3250, 0.3442

Monochromacy



Original Color

32.8140, 0.3518, 0.4037

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.0211, 0.3275, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8140, 0.3518, 0.4037 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(154, 159, 111)` looks like.

```
.text, #text, p{  
    color:rgb(154, 159, 111)  
}
```

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(154, 159, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 159, 111) }
```

Border

The CSS property to change the border of an element to Yxy 32.8140, 0.3518, 0.4037 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(154, 159, 111) }
```

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

```
.border{ border-color:rgb(154, 159, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 159, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 159, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 159, 111);  
box-shadow:4px 4px 4px 4px rgb(154, 159,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8140, 0.3518, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 159, 111) }
```

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

```
.background{ background-color: rgb(154,  
159, 111) }
```

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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