

Converting Colors

Yxy(36.0547, 0.3120, 0.3509)

Have a look what the booklet for
Yxy(36.0547, 0.3120, 0.3509)
contains.

Yxy(36.1822, 0.3126, 0.3516)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.1822, 0.3126, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	98A697
RGB	152, 166, 151
RGB Percent	60%, 65%, 59%
CMY	0.4039, 0.3490, 0.4079
CMYK	0.08, 0.00, 0.09, 0.35
HSL	116°, 8%, 62%
HSV	116°, 9%, 65%
XYZ	32.1688, 36.1822, 34.5563
YIQ	160.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

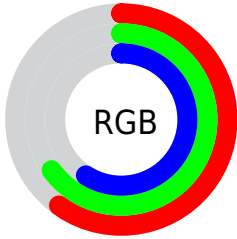
Format	Color
RYB	151, 166, 165
Decimal	10004119
CIELab	66.66, -7.84, 6.09
CIElCh	67, 9.931, 142.155
Yxy	36.1822, 0.3126, 0.3516
Android (android.graphics.Color)	4288194199 (0xFF98A697)
YUV	160.1040, -4.4883, -7.1072
Hunter-Lab	60.1516, -9.8044, 8.0449

Details

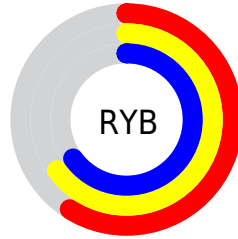
The Yxy color **36.1822, 0.3126, 0.3516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8773, 0.3127, 0.3073**, and the grayscale version is **35.2264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2425, 0.3126, 0.3472**, and **15.7214, 0.3126, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **34.2848, 0.3123, 0.3796**, and if you desaturate by 10%, it is **38.3534, 0.3127, 0.3268**.

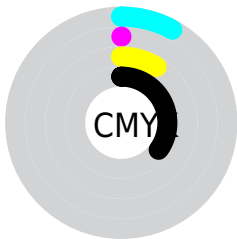
Distribution



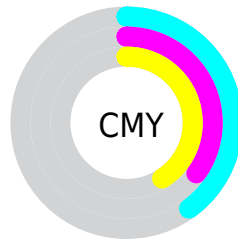
- Red (60%)
- Green (65%)
- Blue (59%)



- Red (59%)
- Yellow (65%)
- Blue (65%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)




- Cyan (40%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.1822, 0.3126, 0.3516 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 36.1822, 0.3126, 0.3516 by changing the saturation by 10% instead.

 36.1822, 0.3126,
0.3516

 36.1822, 0.3126,
0.3516


329.7562, 0.3127,
0.3397

 24.5749, 0.3125,
0.3548


 69.3132, 0.3127,
0.3471

 15.7607, 0.3124,
0.3591


 91.6057, 0.3127,
0.3455

 9.3550, 0.3122,
0.3651


118.2288, 0.3127,
0.3441

 4.9734, 0.3119,
0.3740

149.5668, 0.3127,
0.3429

 2.2317, 0.3111,
0.3887

186.0042, 0.3127,
0.3419

 0.7372, 0.3137,
0.4542

227.9253, 0.3127,

 0.0000, 0.0000,

0.3411

0.0000

275.7145, 0.3127,
0.3403

■ 36.1822, 0.3126,
0.3516

■ 36.1822, 0.3126,
0.3516

■ 34.2848, 0.3123,
0.3796

■ 38.3534, 0.3127,
0.3268

■ 32.6461, 0.3118,
0.4107

■ 40.8040, 0.3127,
0.3051

■ 31.2561, 0.3110,
0.4441


■ 43.5448, 0.3126,
0.2863

■ 30.1027, 0.3099,
0.4787


■ 46.5852, 0.3124,
0.2700

■ 29.1727, 0.3085,
0.5127


■ 49.9336, 0.3122,
0.2559


 28.4517, 0.3068,
0.5437

 53.5986, 0.3120,
0.2438

 27.9233, 0.3050,
0.5692

 55.7551, 0.3168,
0.2422

 27.5690, 0.3031,
0.5872

 27.3620, 0.3017,
0.5978

Harmonies

Analogous

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



36.1822, 0.3274, 0.3556



36.1822, 0.3126, 0.3516



36.1822, 0.2981, 0.3411

Triad

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



36.1822, 0.3126, 0.3516



36.1822, 0.2874, 0.3058



36.1822, 0.3385, 0.3299

Complementary

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



36.1822, 0.3126, 0.3516



32.8773, 0.3127, 0.3073

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.



36.1822, 0.3273, 0.3173



36.1822, 0.3126, 0.3516



36.1822, 0.2977, 0.3036

Square

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



36.1822, 0.3126, 0.3516



36.1822, 0.2837, 0.3143



36.1822, 0.3123, 0.3078



36.1822, 0.3426, 0.3426

Rectangle

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



36.1822, 0.3126, 0.3516



36.1822, 0.2904, 0.3320



36.1822, 0.3123, 0.3078



36.1822, 0.3354, 0.3255

Sweetspot

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



36.1837, 0.3126, 0.3516



67.9653, 0.3127, 0.3363



37.1633, 0.3260, 0.3490



15.1392, 0.3127, 0.3383



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.1837, 0.3126, 0.3516



64.8819, 0.3126, 0.3574



36.2947, 0.3063, 0.3421



8.4311, 0.3126, 0.3522



21.2132, 0.3019, 0.5985



0.5235, 0.3104, 0.5917

Inverse Universe

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



32.8773, 0.3127, 0.3073



57.5630, 0.3127, 0.3020



32.7628, 0.3196, 0.3163



7.6404, 0.3127, 0.3067



7.5272, 0.3043, 0.1450



0.1906, 0.3101, 0.1482

Previews

White Background



This preview shows how the Yxy color 36.1822, 0.3126, 0.3516 looks on a white background.

Color Contrast Check

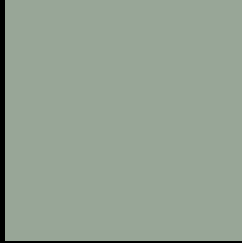
Large Text (above 18pt) WCAG AA × Fail

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 36.1822, 0.3126, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

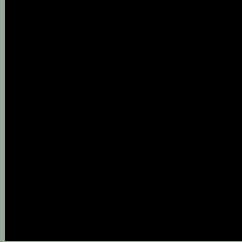
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

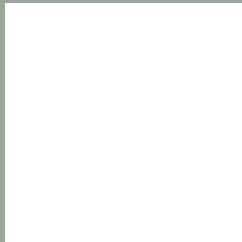
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1822, 0.3126, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 36.1822, 0.3126, 0.3516.



This preview shows how white text looks on a background with the Yxy color 36.1822, 0.3126, 0.3516.

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

36.1822, 0.3126, 0.3516

Protanopia

35.9527, 0.3313, 0.3479

Deuteranopia

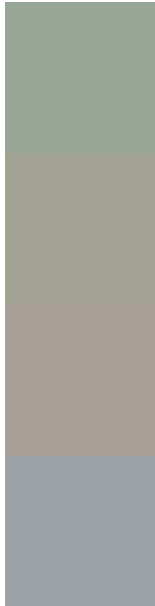
35.9006, 0.3406, 0.3333



Tritanopia

36.0037, 0.2961, 0.3102

Trichromacy



Original Color

36.1822, 0.3126, 0.3516

Protanomaly

36.0457, 0.3242, 0.3496

Deuteranomaly

35.9547, 0.3298, 0.3405

Tritanomaly

35.9161, 0.3027, 0.3246

Monochromacy



Original Color

36.1822, 0.3126, 0.3516

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.4431, 0.3124, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1822, 0.3126, 0.3516 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(152, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 151)  
}
```

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(152, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 36.1822, 0.3126, 0.3516 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(152, 166, 151) }
```

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

```
.border{ border-color:rgb(152, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1822, 0.3126, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 151) }
```

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

```
.background{ background-color: rgb(152,  
166, 151) }
```

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