

Converting Colors

$Yxy(30.6067, 0.3151, 0.3509)$

Have a look what the booklet for
Yxy(30.6067, 0.3151, 0.3509)
contains.

Yxy(30.5156, 0.3147, 0.3499)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.5156, 0.3147, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	8F998C
RGB	143, 153, 140
RGB Percent	56%, 60%, 55%
CMY	0.4394, 0.3999, 0.4510
CMYK	0.07, 0.00, 0.09, 0.40
HSL	106°, 6%, 57%
HSV	106°, 9%, 60%
XYZ	27.4457, 30.5156, 29.2510
YIQ	148.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

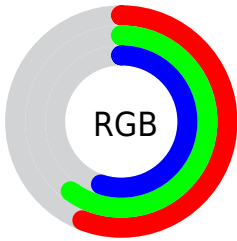
Format	Color
RYB	140, 153, 150
Decimal	9410956
CIELab	62.10, -6.14, 5.60
CIELCh	62, 8.310, 137.638
Yxy	30.5156, 0.3147, 0.3499
Android (android.graphics.Color)	4287601036 (0xFF8F998C)
YUV	148.5280, -4.2043, -4.8481
Hunter-Lab	55.2409, -7.9863, 7.2736

Details

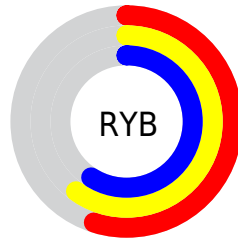
The Yxy color **30.5156, 0.3147, 0.3499** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5440, 0.3105, 0.3086**, and the grayscale version is **29.8624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3910, 0.3143, 0.3446**, and **12.5681, 0.3157, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **29.0965, 0.3169, 0.3770**, and if you desaturate by 10%, it is **32.1113, 0.3124, 0.3256**.

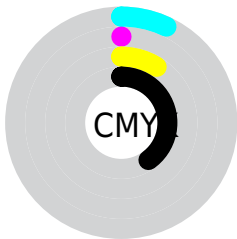
Distribution



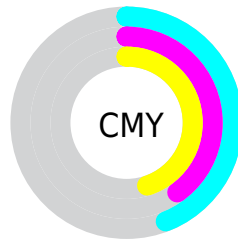
- Red (56%)
- Green (60%)
- Blue (55%)



- Red (55%)
- Yellow (60%)
- Blue (59%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.5156, 0.3147, 0.3499 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 30.5156, 0.3147, 0.3499 by changing the saturation by 10% instead.


 30.5156, 0.3147,
0.3499


 30.5156, 0.3147,
0.3499


304.3004, 0.3137,
0.3386

 20.2303, 0.3149,
0.3531


 60.4766, 0.3143,
0.3456

 12.5625, 0.3153,
0.3573


 80.9211, 0.3142,
0.3440

 7.1280, 0.3157,
0.3635


 105.5208, 0.3141,
0.3427

 3.5423, 0.3162,
0.3730

134.6600, 0.3140,
0.3416

 1.4210, 0.3168,
0.3897

168.7232, 0.3139,
0.3407

 0.2321, 0.2335,
0.7665

208.0947, 0.3138,

 0.0000, 0.0000,

0.3399

0.0000

253.1590, 0.3138,
0.3392

■ 30.5156, 0.3147,
0.3499

■ 30.5156, 0.3147,
0.3499

■ 29.0965, 0.3169,
0.3770

■ 32.1113, 0.3124,
0.3256

■ 27.8442, 0.3187,
0.4067

■ 33.8854, 0.3100,
0.3039

■ 26.7535, 0.3201,
0.4383

■ 35.8448, 0.3076,
0.2849

■ 25.8177, 0.3208,
0.4710

■ 37.9945, 0.3053,
0.2682

■ 25.0295, 0.3206,
0.5032

■ 40.3395, 0.3031,
0.2535

■ 24.3810, 0.3193,
0.5331

■ 42.8848, 0.3010,
0.2407

■ 23.8636, 0.3169,
0.5585

■ 45.6350, 0.2991,
0.2295

■ 23.4676, 0.3136,
0.5778

■ 48.1082, 0.3029,
0.2257

■ 23.1779, 0.3098,
0.5908

■ 50.2176, 0.3127,
0.2287

Harmonies

Analogous

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



30.5156, 0.3276, 0.3525



30.5156, 0.3147, 0.3499



30.5156, 0.3015, 0.3413

Triad

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



30.5156, 0.3147, 0.3499



30.5156, 0.2893, 0.3093



30.5156, 0.3344, 0.3281

Complementary

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



30.5156, 0.3147, 0.3499



27.5440, 0.3105, 0.3086

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.



30.5156, 0.3237, 0.3171



30.5156, 0.3147, 0.3499



30.5156, 0.2977, 0.3063

Square

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



30.5156, 0.3147, 0.3499



30.5156, 0.2871, 0.3176



30.5156, 0.3103, 0.3092



30.5156, 0.3391, 0.3395

Rectangle

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



30.5156, 0.3147, 0.3499



30.5156, 0.2943, 0.3335



30.5156, 0.3103, 0.3092



30.5156, 0.3314, 0.3242

Sweetspot

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



30.5169, 0.3147, 0.3499



56.1557, 0.3134, 0.3363



30.4732, 0.3254, 0.3446



12.3513, 0.3136, 0.3381



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



30.5169, 0.3147, 0.3499



54.1882, 0.3151, 0.3543



30.3604, 0.3085, 0.3444



6.9899, 0.3149, 0.3517



19.1342, 0.3097, 0.5923



0.3002, 0.3366, 0.5709

Inverse Universe

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



27.5440, 0.3105, 0.3086



47.8829, 0.3100, 0.3044



27.7153, 0.3172, 0.3141



6.2529, 0.3103, 0.3068



5.1131, 0.2652, 0.1235



0.0920, 0.2917, 0.1381

Previews

White Background



This preview shows how the Yxy color 30.5156, 0.3147, 0.3499 looks on a white background.

Color Contrast Check

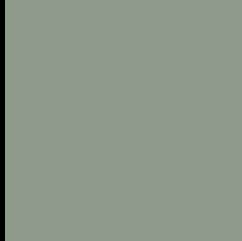
Large Text (above 18pt) WCAG AA × Fail

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 30.5156, 0.3147, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

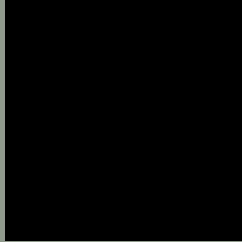
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5156, 0.3147, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 30.5156, 0.3147, 0.3499.



This preview shows how white text looks on a background with the Yxy color 30.5156, 0.3147, 0.3499.

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

30.5156, 0.3147, 0.3499

Protanopia

30.2984, 0.3297, 0.3462

Deuteranopia

30.4193, 0.3393, 0.3336



Tritanopia

30.5323, 0.2977, 0.3105

Trichromacy



Original Color

30.5156, 0.3147, 0.3499

Protanomaly

30.2561, 0.3243, 0.3463

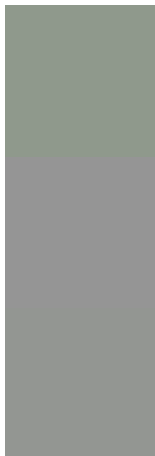
Deuteranomaly

30.3720, 0.3300, 0.3398

Tritanomaly

30.4861, 0.3040, 0.3243

Monochromacy



Original Color

30.5156, 0.3147, 0.3499

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.0911, 0.3134, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5156, 0.3147, 0.3499 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(143, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 140)  
}
```

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(143, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 140) }
```

Border

The CSS property to change the border of an element to Yxy 30.5156, 0.3147, 0.3499 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(143, 153, 140) }
```

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

```
.border{ border-color:rgb(143, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 153, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 153, 140); box-shadow:4px 4px 4px 4px rgb(143, 153, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5156, 0.3147, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 140) }
```

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

```
.background{ background-color: rgb(143,  
153, 140) }
```

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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