

Converting Colors

$Yxy(30.1481, 0.3141, 0.3575)$

Have a look what the booklet for
Yxy(30.1481, 0.3141, 0.3575)
contains.

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Color

Yxy(30.0490, 0.3144, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	8B9988
RGB	139, 153, 136
RGB Percent	55%, 60%, 53%
CMY	0.4550, 0.4000, 0.4667
CMYK	0.09, 0.00, 0.11, 0.40
HSL	109°, 8%, 57%
HSV	109°, 11%, 60%
XYZ	26.4782, 30.0490, 27.6909
YIQ	146.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

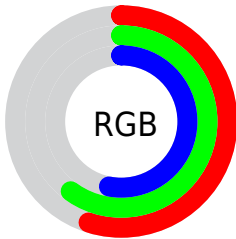
Format	Color
RYB	136, 153, 150
Decimal	9148808
CIELab	61.70, -8.35, 7.25
CIElCh	62, 11.053, 139.035
Yxy	30.0490, 0.3144, 0.3568
Android (android.graphics.Color)	4287338888 (0xFF8B9988)
YUV	146.8760, -5.3619, -6.9073
Hunter-Lab	54.8170, -9.7091, 8.4214

Details

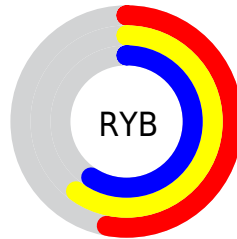
The Yxy color **30.0490, 0.3144, 0.3568** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3907, 0.3107, 0.3022**, and the grayscale version is **29.1455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.6372, 0.3147, 0.3509**, and **12.2985, 0.3152, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **28.6220, 0.3157, 0.3848**, and if you desaturate by 10%, it is **31.6660, 0.3129, 0.3317**.

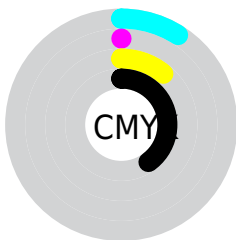
Distribution



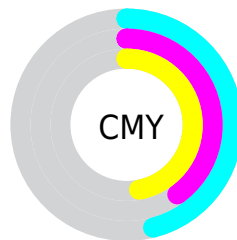
- Red (55%)
- Green (60%)
- Blue (53%)



- Red (53%)
- Yellow (60%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (40%)





- Cyan (46%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0490, 0.3144, 0.3568 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 30.0490, 0.3144, 0.3568 by changing the saturation by 10% instead.


 30.0490, 0.3144,
0.3568


 30.0490, 0.3144,
0.3568


302.1328, 0.3136,
0.3417


 19.8758, 0.3146,
0.3611

 59.7397, 0.3141,
0.3510

 12.3048, 0.3148,
0.3669


 80.0259, 0.3140,
0.3489

 6.9516, 0.3150,
0.3752


 104.4519, 0.3139,
0.3471

 3.4319, 0.3151,
0.3883

133.4021, 0.3139,
0.3457

 1.3611, 0.3149,
0.4118

167.2609, 0.3138,
0.3445

 0.1878, 0.0000,
1.0000

206.4127, 0.3137,

 0.0000, 0.0000,

0.3434

0.0000

251.2419, 0.3137,
0.3425

■ 30.0490, 0.3144,
0.3568

■ 30.0490, 0.3144,
0.3568

■ 28.6220, 0.3157,
0.3848

■ 31.6660, 0.3129,
0.3317

■ 27.3743, 0.3167,
0.4154

■ 33.4757, 0.3113,
0.3094

■ 26.2999, 0.3172,
0.4480

■ 35.4856, 0.3097,
0.2898

■ 25.3911, 0.3171,
0.4813

■ 37.7015, 0.3080,
0.2727

■ 24.6393, 0.3162,
0.5137

■ 40.1291, 0.3065,
0.2578

■ 24.0355, 0.3145,
0.5430

■ 42.7738, 0.3050,
0.2448

■ 23.5696, 0.3119,
0.5672

■ 45.6410, 0.3035,
0.2334

■ 23.2300, 0.3088,
0.5846

■ 48.5151, 0.3048,
0.2263

■ 23.0175, 0.3062,
0.5951

■ 50.7994, 0.3153,
0.2295

Harmonies

Analogous

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



30.0490, 0.3317, 0.3606



30.0490, 0.3144, 0.3568



30.0490, 0.2970, 0.3449

Triad

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



30.0490, 0.3144, 0.3568



30.0490, 0.2819, 0.3023



30.0490, 0.3422, 0.3284

Complementary

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



30.0490, 0.3144, 0.3568



26.3907, 0.3107, 0.3022

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.



30.0490, 0.3282, 0.3138



30.0490, 0.3144, 0.3568



30.0490, 0.2934, 0.2989

Square

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



30.0490, 0.3144, 0.3568



30.0490, 0.2786, 0.3130



30.0490, 0.3102, 0.3032



30.0490, 0.3481, 0.3435

Rectangle

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



30.0490, 0.3144, 0.3568



30.0490, 0.2876, 0.3342



30.0490, 0.3102, 0.3032



30.0490, 0.3383, 0.3233

Sweetspot

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



30.0503, 0.3144, 0.3568



56.1148, 0.3132, 0.3363



30.3285, 0.3294, 0.3509



12.3400, 0.3133, 0.3382



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.



30.0503, 0.3144, 0.3568



53.2350, 0.3147, 0.3625



29.9538, 0.3065, 0.3480



6.9751, 0.3141, 0.3518



19.0310, 0.3065, 0.5948



0.2959, 0.3290, 0.5770

Inverse Universe

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



26.3907, 0.3107, 0.3022



45.5400, 0.3103, 0.2969



26.5036, 0.3195, 0.3107



6.2688, 0.3111, 0.3069



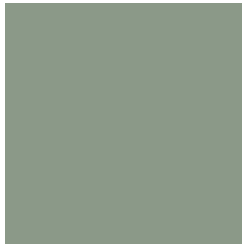
5.5893, 0.2778, 0.1304



0.0963, 0.2984, 0.1418

Previews

White Background



This preview shows how the Yxy color 30.0490, 0.3144, 0.3568 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 30.0490, 0.3144, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

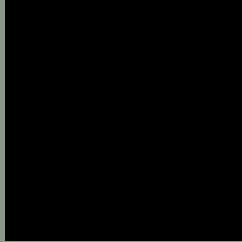
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0490, 0.3144, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 30.0490, 0.3144, 0.3568.



This preview shows how white text looks on a background with the Yxy color 30.0490, 0.3144, 0.3568.

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

30.0490, 0.3144, 0.3568

Protanopia

29.8696, 0.3338, 0.3510

Deuteranopia

29.9970, 0.3437, 0.3381



Tritanopia

29.9077, 0.2957, 0.3102

Trichromacy



Original Color

30.0490, 0.3144, 0.3568

Protanomaly

29.9515, 0.3261, 0.3529

Deuteranomaly

29.8417, 0.3332, 0.3446

Tritanomaly

29.8305, 0.3028, 0.3258

Monochromacy



Original Color

30.0490, 0.3144, 0.3568

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.4074, 0.3133, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0490, 0.3144, 0.3568 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(139, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 153, 136)  
}
```

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(139, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 153, 136) }
```

Border

The CSS property to change the border of an element to Yxy 30.0490, 0.3144, 0.3568 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(139, 153, 136) }
```

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

```
.border{ border-color:rgb(139, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(139, 153,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0490, 0.3144, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 153, 136) }
```

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

```
.background{ background-color: rgb(139,  
153, 136) }
```

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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