

Converting Colors

Yxy(34.6130, 0.3108, 0.3488)

Have a look what the booklet for
Yxy(34.6130, 0.3108, 0.3488)
contains.

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Color

Yxy(34.7860, 0.3108, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	95A396
RGB	149, 163, 150
RGB Percent	58%, 64%, 59%
CMY	0.4158, 0.3608, 0.4116
CMYK	0.09, 0.00, 0.08, 0.36
HSL	124°, 7%, 61%
HSV	124°, 9%, 64%
XYZ	30.9962, 34.7860, 33.9483
YIQ	157.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

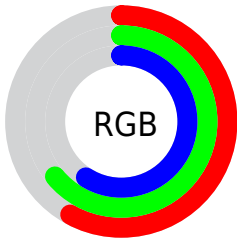
Format	Color
RYB	149, 162, 163
Decimal	9806742
CIELab	65.58, -7.49, 5.04
CIELCh	66, 9.024, 146.044
Yxy	34.7860, 0.3108, 0.3488
Android (android.graphics.Color)	4287996822 (0xFF95A396)
YUV	157.3320, -3.6147, -7.3072
Hunter-Lab	58.9797, -9.4053, 7.1589

Details

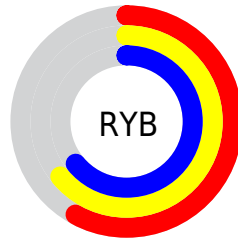
The Yxy color **34.7860, 0.3108, 0.3488** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8837, 0.3147, 0.3100**, and the grayscale version is **33.8926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1990, 0.3112, 0.3451**, and **14.8664, 0.3101, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **32.9051, 0.3085, 0.3747**, and if you desaturate by 10%, it is **36.9470, 0.3130, 0.3260**.

Distribution



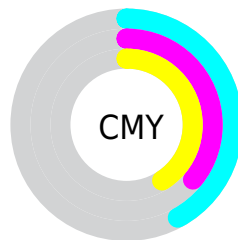
- Red (58%)
- Green (64%)
- Blue (59%)



- Red (58%)
- Yellow (64%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (36%)




- Cyan (42%)
- Magenta (36%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7860, 0.3108, 0.3488 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 34.7860, 0.3108, 0.3488 by changing the saturation by 10% instead.


 34.7860, 0.3108,
0.3488


 34.7860, 0.3108,
0.3488


323.6227, 0.3119,
0.3383

 23.4981, 0.3105,
0.3516


 67.1541, 0.3112,
0.3448

 14.9617, 0.3101,
0.3555


 89.0031, 0.3114,
0.3434

 8.7925, 0.3094,
0.3608


115.1412, 0.3115,
0.3422

 4.6061, 0.3085,
0.3688

145.9529, 0.3116,
0.3412

 2.0181, 0.3067,
0.3823

181.8225, 0.3117,
0.3403

 0.6179, 0.3013,
0.4601

223.1344, 0.3118,

 0.0000, 0.0000,

0.3395

0.0000

270.2730, 0.3118,
0.3389

■ 34.7860, 0.3108,
0.3488

■ 34.7860, 0.3108,
0.3488

■ 32.9051, 0.3085,
0.3747

■ 36.9470, 0.3130,
0.3260

■ 31.2887, 0.3061,
0.4035

■ 39.3941, 0.3151,
0.3061

■ 29.9261, 0.3038,
0.4349

■ 42.1390, 0.3170,
0.2889

■ 28.8045, 0.3016,
0.4679

■ 45.1912, 0.3187,
0.2740

■ 27.9098, 0.2998,
0.5010

■ 48.5598, 0.3203,
0.2612

■ 27.2265, 0.2986,
0.5321

■ 52.2535, 0.3217,
0.2502

■ 26.7371, 0.2980,
0.5590

■ 54.6765, 0.3169,
0.2394

■ 26.4214, 0.2981,
0.5797

■ 26.2437, 0.2985,
0.5931

Harmonies

Analogous

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



34.7860, 0.3246, 0.3534



34.7860, 0.3108, 0.3488



34.7860, 0.2977, 0.3386

Triad

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



34.7860, 0.3108, 0.3488



34.7860, 0.2903, 0.3070



34.7860, 0.3373, 0.3314

Complementary

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



34.7860, 0.3108, 0.3488



31.8837, 0.3147, 0.3100

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.



34.7860, 0.3277, 0.3196



34.7860, 0.3108, 0.3488



34.7860, 0.3005, 0.3057

Square

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



34.7860, 0.3108, 0.3488



34.7860, 0.2860, 0.3142



34.7860, 0.3142, 0.3103



34.7860, 0.3402, 0.3429

Rectangle

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



34.7860, 0.3108, 0.3488



34.7860, 0.2911, 0.3301



34.7860, 0.3142, 0.3103



34.7860, 0.3348, 0.3274

Sweetspot

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



34.7875, 0.3108, 0.3488



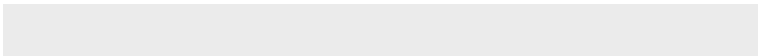
64.3794, 0.3120, 0.3358



36.0547, 0.3243, 0.3497



14.3910, 0.3119, 0.3376



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.7875, 0.3108, 0.3488



61.7307, 0.3104, 0.3527



35.0163, 0.3049, 0.3382



7.9033, 0.3106, 0.3504



20.3818, 0.2983, 0.5937



0.4307, 0.2904, 0.5654

Inverse Universe

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



31.8837, 0.3147, 0.3100



55.6388, 0.3151, 0.3064



31.6452, 0.3213, 0.3200



7.1930, 0.3148, 0.3085



7.7858, 0.3403, 0.1648



0.1661, 0.3325, 0.1606

Previews

White Background



This preview shows how the Yxy color 34.7860, 0.3108, 0.3488 looks on a white background.

Color Contrast Check

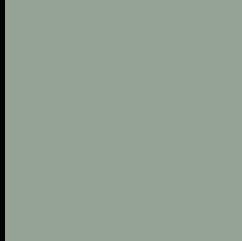
Large Text (above 18pt) WCAG AA × Fail

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 34.7860, 0.3108, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

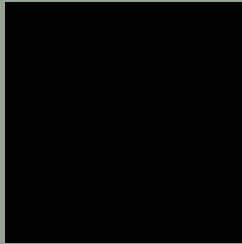
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

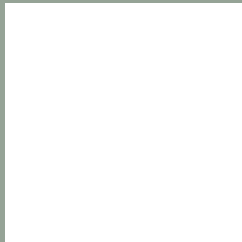
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.7860, 0.3108, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 34.7860, 0.3108, 0.3488.



This preview shows how white text looks on a background with the Yxy color 34.7860, 0.3108, 0.3488.

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

34.7860, 0.3108, 0.3488

Protanopia

34.5912, 0.3288, 0.3437

Deuteranopia

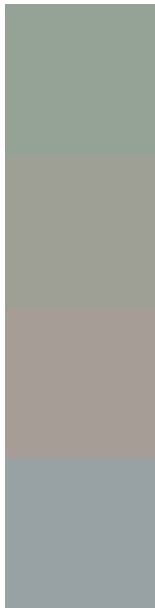
34.7253, 0.3379, 0.3319



Tritanopia

34.8925, 0.2958, 0.3114

Trichromacy



Original Color

34.7860, 0.3108, 0.3488

Protanomaly

34.6825, 0.3216, 0.3454

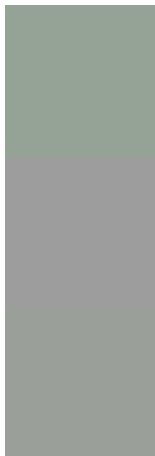
Deuteranomaly

34.5638, 0.3282, 0.3378

Tritanomaly

34.8455, 0.3017, 0.3245

Monochromacy



Original Color

34.7860, 0.3108, 0.3488

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9994, 0.3124, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7860, 0.3108, 0.3488 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(149, 163, 150)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 150)  
}
```

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(149, 163, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.7860, 0.3108, 0.3488 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(149, 163, 150) }
```

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

```
.border{ border-color:rgb(149, 163, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 150);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7860, 0.3108, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 150) }
```

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

```
.background{ background-color: rgb(149,  
163, 150) }
```

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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