

Converting Colors

$Yxy(31.9602, 0.3031, 0.3532)$

Have a look what the booklet for
Yxy(31.9602, 0.3031, 0.3532)
contains.

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Color

Yxy(31.9608, 0.3030, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	879F90
RGB	135, 159, 144
RGB Percent	53%, 62%, 56%
CMY	0.4708, 0.3764, 0.4353
CMYK	0.15, 0.00, 0.09, 0.38
HSL	143°, 11%, 58%
HSV	143°, 15%, 62%
XYZ	27.4182, 31.9608, 31.1102
YIQ	150.1140, -9.4890, -9.7530

Conversions

Conversions Part 2

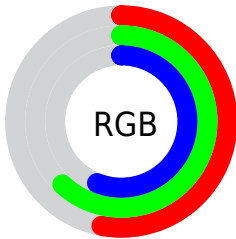
Format	Color
RYB	135, 152, 159
Decimal	8888208
CIELab	63.31, -11.48, 5.01
CIElCh	63, 12.530, 156.410
Yxy	31.9608, 0.3030, 0.3532
Android (android.graphics.Color)	4287078288 (0xFF879F90)
YUV	150.1140, -3.0142, -13.2550
Hunter-Lab	56.5339, -12.3640, 6.9468

Details

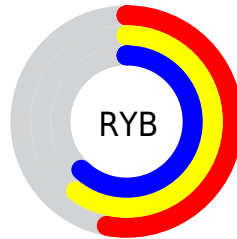
The Yxy color **31.9608, 0.3030, 0.3532** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.8882, 0.3239, 0.3060**, and the grayscale version is **30.5635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8617, 0.3046, 0.3483**, and **13.4646, 0.2992, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **30.4505, 0.2968, 0.3716**, and if you desaturate by 10%, it is **33.6974, 0.3094, 0.3367**.

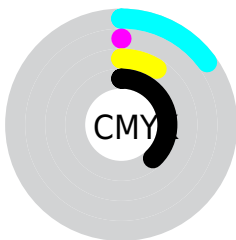
Distribution



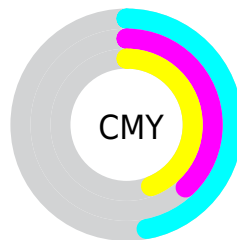
- Red (53%)
- Green (62%)
- Blue (56%)



- Red (53%)
- Yellow (60%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)




- Cyan (47%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9608, 0.3030, 0.3532 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 31.9608, 0.3030, 0.3532 by changing the saturation by 10% instead.

 31.9608, 0.3030,
0.3532


 31.9608, 0.3030,
0.3532


310.9406, 0.3083,
0.3401


 21.3316, 0.3015,
0.3568


 62.7496, 0.3050,
0.3482

 13.3666, 0.2995,
0.3617


 83.6780, 0.3057,
0.3464

 7.6815, 0.2967,
0.3687

 108.8082, 0.3063,
0.3449

 3.8918, 0.2923,
0.3796

138.5247, 0.3069,
0.3437

 1.6132, 0.2845,
0.3984

173.2117, 0.3073,
0.3426

 0.3665, 0.1408,
0.7588

213.2538, 0.3077,

 0.0000, 0.0000,

0.3417

0.0000

259.0353, 0.3080,
0.3408

■ 31.9608, 0.3030,
0.3532

■ 31.9608, 0.3030,
0.3532

■ 30.4505, 0.2968,
0.3716

■ 33.6974, 0.3094,
0.3367

■ 29.1532, 0.2910,
0.3917

■ 35.6651, 0.3158,
0.3221

■ 28.0600, 0.2860,
0.4136

■ 37.8736, 0.3222,
0.3092

■ 27.1602, 0.2820,
0.4367

■ 40.3309, 0.3283,
0.2979

■ 26.4416, 0.2793,
0.4605

■ 43.0444, 0.3342,
0.2879

■ 25.8911, 0.2782,
0.4842

■ 46.0214, 0.3398,
0.2793

■ 25.4932, 0.2789,
0.5071

■ 49.2689, 0.3451,
0.2718

■ 25.2288, 0.2813,
0.5281

■ 51.4091, 0.3438,
0.2638

■ 25.1256, 0.2827,
0.5376

■ 51.9613, 0.3351,
0.2546

Harmonies

Analogous

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



31.9608, 0.3230, 0.3630



31.9608, 0.3030, 0.3532



31.9608, 0.2860, 0.3364

Triad

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



31.9608, 0.3030, 0.3532



31.9608, 0.2850, 0.2962



31.9608, 0.3506, 0.3381

Complementary

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



31.9608, 0.3030, 0.3532



26.8882, 0.3239, 0.3060

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.



31.9608, 0.3398, 0.3211



31.9608, 0.3030, 0.3532



31.9608, 0.3016, 0.2975

Square

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



31.9608, 0.3030, 0.3532



31.9608, 0.2759, 0.3034



31.9608, 0.3217, 0.3065



31.9608, 0.3509, 0.3534

Rectangle

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



31.9608, 0.3030, 0.3532



31.9608, 0.2785, 0.3239



31.9608, 0.3217, 0.3065



31.9608, 0.3481, 0.3324

Sweetspot

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



31.9621, 0.3030, 0.3532



60.3486, 0.3094, 0.3367



33.0517, 0.3259, 0.3665



13.5563, 0.3090, 0.3377



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.



31.9621, 0.3030, 0.3532



56.3177, 0.3010, 0.3589



32.3422, 0.2930, 0.3340



7.4403, 0.3068, 0.3433



19.8485, 0.2822, 0.5359



0.3628, 0.2603, 0.4570

Inverse Universe

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



26.8882, 0.3239, 0.3060



45.5458, 0.3266, 0.3009



26.5270, 0.3366, 0.3241



6.7122, 0.3192, 0.3151



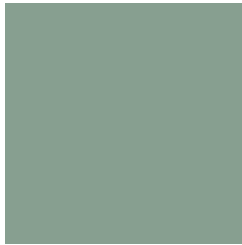
6.5446, 0.4412, 0.2204



0.1250, 0.3828, 0.1883

Previews

White Background



This preview shows how the Yxy color 31.9608, 0.3030, 0.3532 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 31.9608, 0.3030, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

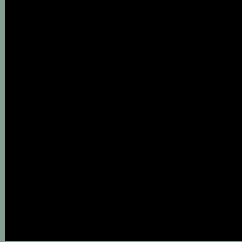
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9608, 0.3030, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 31.9608, 0.3030, 0.3532.



This preview shows how white text looks on a background with the Yxy color 31.9608, 0.3030, 0.3532.

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

31.9608, 0.3030, 0.3532

Protanopia

31.7209, 0.3314, 0.3474

Deuteranopia

31.8012, 0.3378, 0.3320



Tritanopia

32.0931, 0.2864, 0.3104

Trichromacy



Original Color

31.9608, 0.3030, 0.3532

Protanomaly

31.8498, 0.3207, 0.3509

Deuteranomaly

31.6689, 0.3244, 0.3397

Tritanomaly

32.0204, 0.2930, 0.3258

Monochromacy



Original Color

31.9608, 0.3030, 0.3532

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.9403, 0.3094, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9608, 0.3030, 0.3532 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(135, 159, 144)` looks like.

```
.text, #text, p{  
  color:rgb(135, 159, 144)  
}
```

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(135, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 159, 144) }
```

Border

The CSS property to change the border of an element to Yxy 31.9608, 0.3030, 0.3532 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(135, 159, 144) }
```

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

```
.border{ border-color:rgb(135, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(135, 159,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9608, 0.3030, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 159, 144) }
```

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

```
.background{ background-color: rgb(135,  
159, 144) }
```

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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