

Converting Colors

Yxy(31.3666, 0.3449, 0.3516)

Have a look what the booklet for
Yxy(31.3666, 0.3449, 0.3516)
contains.

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Color

Yxy(31.3231, 0.3455, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	A69586
RGB	166, 149, 134
RGB Percent	65%, 58%, 53%
CMY	0.3490, 0.4157, 0.4744
CMYK	0.00, 0.10, 0.19, 0.35
HSL	28°, 15%, 59%
HSV	28°, 19%, 65%
XYZ	30.7797, 31.3231, 26.9845
YIQ	152.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

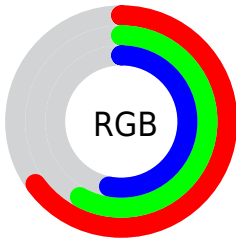
Format	Color
R _Y B	166, 162, 134
Decimal	10917254
CIE Lab	62.78, 3.79, 10.20
CIE LCh	63, 10.881, 69.617
Yxy	31.3231, 0.3455, 0.3516
Android (android.graphics.Color)	4289107334 (0xFFA69586)
YUV	152.3730, -9.0579, 11.9509
Hunter-Lab	55.9670, 0.2256, 10.5902

Details

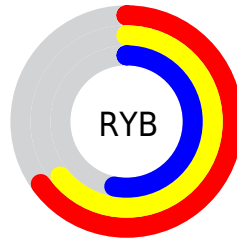
The Yxy color **31.3231, 0.3455, 0.3516** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9686, 0.2831, 0.3053**, and the grayscale version is **31.6059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6719, 0.3387, 0.3473**, and **12.9529, 0.3579, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **28.2081, 0.3661, 0.3641**, and if you desaturate by 10%, it is **34.7255, 0.3274, 0.3396**.

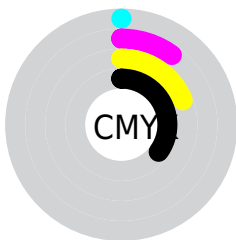
Distribution



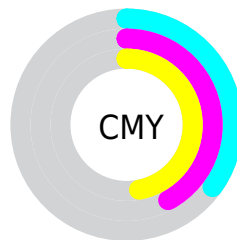
- Red (65%)
- Green (58%)
- Blue (53%)



- Red (65%)
- Yellow (64%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (19%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3231, 0.3455, 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 31.3231, 0.3455, 0.3516 by changing the saturation by 10% instead.


 31.3231, 0.3455,
0.3516


 31.3231, 0.3455,
0.3516


308.0241, 0.3280,
0.3397


 20.8450, 0.3503,
0.3548


 61.7484, 0.3388,
0.3471

 13.0108, 0.3567,
0.3590


 82.4644, 0.3364,
0.3455

 7.4360, 0.3658,
0.3648


 107.3618, 0.3344,
0.3441

 3.7362, 0.3794,
0.3732

136.8251, 0.3327,
0.3430

 1.5271, 0.4029,
0.3873

171.2385, 0.3313,
0.3420

 0.3077, 0.5558,
0.4442

210.9866, 0.3300,

 0.0000, 0.0000,

0.3411

0.0000

256.4536, 0.3289,
0.3404

■ 31.3231, 0.3455,
0.3516

■ 31.3231, 0.3455,
0.3516

■ 28.2081, 0.3661,
0.3641

■ 34.7255, 0.3274,
0.3396

■ 25.3682, 0.3893,
0.3765

■ 38.4188, 0.3116,
0.3282

■ 22.7963, 0.4150,
0.3883

■ 42.4117, 0.2979,
0.3176

■ 20.4835, 0.4426,
0.3986

■ 46.7113, 0.2861,
0.3078

■ 18.4201, 0.4711,
0.4062

■ 51.3244, 0.2757,
0.2988

■ 16.5957, 0.4991,
0.4099

■ 56.2576, 0.2667,
0.2906

■ 14.9988, 0.5248,
0.4087

■ 61.5172, 0.2589,
0.2831

■ 13.6113, 0.5472,
0.4029

■ 66.3239, 0.2579,
0.2885

■ 13.5173, 0.5488,
0.4024

■ 71.0718, 0.2593,
0.2989

Harmonies

Analogous

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



31.3231, 0.3463, 0.3386



31.3231, 0.3455, 0.3516



31.3231, 0.3357, 0.3589

Triad

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



31.3231, 0.3455, 0.3516



31.3231, 0.2881, 0.3337



31.3231, 0.3048, 0.3018

Complementary

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



31.3231, 0.3455, 0.3516



29.9686, 0.2831, 0.3053

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.



31.3231, 0.2897, 0.3000



31.3231, 0.3455, 0.3516



31.3231, 0.2803, 0.3178

Square

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



31.3231, 0.3455, 0.3516



31.3231, 0.3025, 0.3487



31.3231, 0.2809, 0.3056



31.3231, 0.3225, 0.3104

Rectangle

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



31.3231, 0.3455, 0.3516



31.3231, 0.3256, 0.3593



31.3231, 0.2809, 0.3056



31.3231, 0.2993, 0.3004

Sweetspot

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



31.3245, 0.3455, 0.3516



65.0717, 0.3222, 0.3359



27.4012, 0.3306, 0.3035



14.4706, 0.3232, 0.3366



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.



31.3245, 0.3455, 0.3516



54.4286, 0.3537, 0.3567



36.7221, 0.3413, 0.3744



8.0996, 0.3274, 0.3396



10.5721, 0.5473, 0.4036



0.3603, 0.4948, 0.4453

Inverse Universe

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



29.9686, 0.2831, 0.3053



51.5235, 0.2765, 0.2995



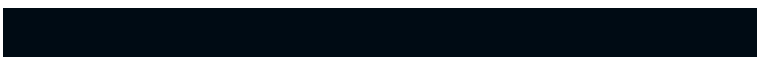
25.1755, 0.2816, 0.2792



7.9363, 0.2987, 0.3182



7.6784, 0.1809, 0.1713



0.2879, 0.1969, 0.2287

Previews

White Background



This preview shows how the Yxy color 31.3231, 0.3455, 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 31.3231, 0.3455, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

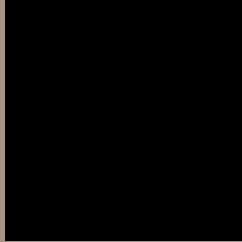
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3231, 0.3455, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 31.3231, 0.3455, 0.3516.



This preview shows how white text looks on a background with the Yxy color 31.3231, 0.3455, 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

31.3231, 0.3455, 0.3516

Protanopia

31.2534, 0.3365, 0.3536

Deuteranopia

31.1913, 0.3530, 0.3453



Tritanopia

31.4271, 0.3260, 0.3130

Trichromacy



Original Color

31.3231, 0.3455, 0.3516

Protanomaly

31.2433, 0.3399, 0.3519

Deuteranomaly

31.1628, 0.3494, 0.3469

Tritanomaly

31.3622, 0.3328, 0.3261

Monochromacy



Original Color

31.3231, 0.3455, 0.3516

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3456, 0.3246, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3231, 0.3455, 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(166, 149, 134)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 134)  
}
```

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(166, 149, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 134) }
```

Border

The CSS property to change the border of an element to Yxy 31.3231, 0.3455, 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(166, 149, 134) }
```

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

```
.border{ border-color:rgb(166, 149, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 149, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 134);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3231, 0.3455, 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(166, 149, 134) }
```

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

```
.background{ background-color: rgb(166,  
149, 134) }
```

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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