

Converting Colors

$Yxy(31.0541, 0.3519, 0.3613)$

Have a look what the booklet for
Yxy(31.0541, 0.3519, 0.3613)
contains.

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Color

Yxy(31.1604, 0.3516, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	A69580
RGB	166, 149, 128
RGB Percent	65%, 58%, 50%
CMY	0.3491, 0.4156, 0.4980
CMYK	0.00, 0.10, 0.23, 0.35
HSL	33°, 18%, 58%
HSV	33°, 23%, 65%
XYZ	30.3658, 31.1604, 24.8385
YIQ	151.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

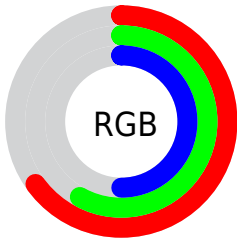
Format	Color
RYB	159, 166, 128
Decimal	10917248
CIELab	62.64, 2.83, 13.39
CIElCh	63, 13.684, 78.051
Yxy	31.1604, 0.3516, 0.3608
Android (android.graphics.Color)	4289107328 (0xFFA69580)
YUV	151.6890, -11.6787, 12.5507
Hunter-Lab	55.8215, -0.5870, 12.6932

Details

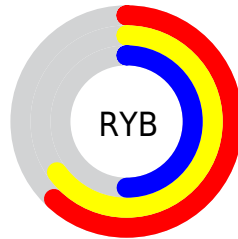
The Yxy color **31.1604, 0.3516, 0.3608** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5834, 0.2770, 0.2950**, and the grayscale version is **31.3039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4202, 0.3433, 0.3543**, and **12.8773, 0.3654, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **28.4875, 0.3720, 0.3754**, and if you desaturate by 10%, it is **34.0570, 0.3333, 0.3465**.

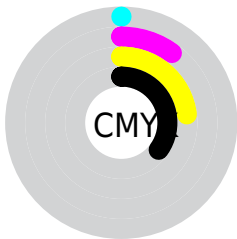
Distribution



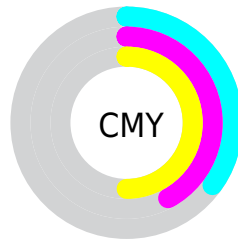
- Red (65%)
- Green (58%)
- Blue (50%)



- Red (62%)
- Yellow (65%)
- Blue (50%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (35%)





- Cyan (35%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1604, 0.3516, 0.3608 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 31.1604, 0.3516, 0.3608 by changing the saturation by 10% instead.


 31.1604, 0.3516,
0.3608


 31.1604, 0.3516,
0.3608


307.2766, 0.3308,
0.3440

 20.7210, 0.3573,
0.3653


 61.4925, 0.3437,
0.3545

 12.9202, 0.3648,
0.3712


 82.1540, 0.3408,
0.3522

 7.3736, 0.3754,
0.3794


 106.9917, 0.3385,
0.3503

 3.6969, 0.3913,
0.3913

136.3900, 0.3365,
0.3486

 1.5055, 0.4225,
0.4153

170.7332, 0.3347,
0.3472

 0.2926, 0.5427,
0.4573

210.4058, 0.3333,

 0.0000, 0.0000,

0.3460

0.0000

255.7921, 0.3320,
0.3449

■ 31.1604, 0.3516,
0.3608

■ 31.1604, 0.3516,
0.3608

■ 28.4875, 0.3720,
0.3754

■ 34.0570, 0.3333,
0.3465

■ 26.0278, 0.3943,
0.3898

■ 37.1791, 0.3170,
0.3328

■ 23.7763, 0.4182,
0.4031

■ 40.5336, 0.3027,
0.3199

■ 21.7257, 0.4430,
0.4145

■ 44.1260, 0.2900,
0.3080

■ 19.8686, 0.4676,
0.4226

■ 47.9615, 0.2789,
0.2969

■ 18.1965, 0.4907,
0.4265

■ 52.0451, 0.2692,
0.2868

■ 16.6998, 0.5110,
0.4252

■ 56.3817, 0.2606,
0.2775

■ 15.7283, 0.5241,
0.4220

■ 60.5976, 0.2560,
0.2750

■ 64.3059, 0.2572,
0.2839

Harmonies

Analogous

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



31.1604, 0.3561, 0.3459



31.1604, 0.3516, 0.3608



31.1604, 0.3365, 0.3677

Triad

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



31.1604, 0.3516, 0.3608



31.1604, 0.2781, 0.3290



31.1604, 0.3088, 0.2973

Complementary

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



31.1604, 0.3516, 0.3608



27.5834, 0.2770, 0.2950

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.



31.1604, 0.2885, 0.2924



31.1604, 0.3516, 0.3608



31.1604, 0.2712, 0.3097

Square

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



31.1604, 0.3516, 0.3608



31.1604, 0.2941, 0.3491



31.1604, 0.2749, 0.2966



31.1604, 0.3309, 0.3100

Rectangle

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



31.1604, 0.3516, 0.3608



31.1604, 0.3227, 0.3662



31.1604, 0.2749, 0.2966



31.1604, 0.3016, 0.2947

Sweetspot

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



31.1618, 0.3516, 0.3608



65.0369, 0.3237, 0.3385



25.5918, 0.3383, 0.3032



14.4825, 0.3246, 0.3393



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.



31.1618, 0.3516, 0.3608



54.2796, 0.3608, 0.3676



36.7222, 0.3445, 0.3851



8.2046, 0.3272, 0.3415



12.2950, 0.5229, 0.4230



0.3989, 0.4805, 0.4567

Inverse Universe

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



27.5834, 0.2770, 0.2950



46.7248, 0.2694, 0.2871



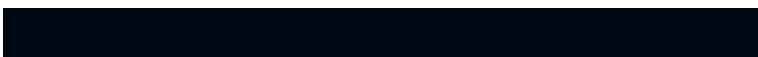
22.9310, 0.2768, 0.2668



7.8317, 0.2987, 0.3162



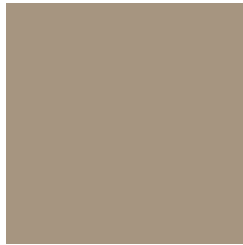
6.0400, 0.1732, 0.1435



0.2498, 0.1914, 0.2090

Previews

White Background



This preview shows how the Yxy color 31.1604, 0.3516, 0.3608 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 31.1604, 0.3516, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

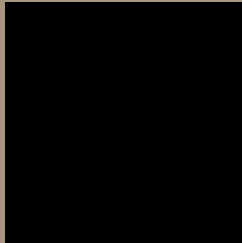
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

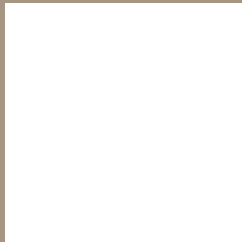
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.1604, 0.3516, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 31.1604, 0.3516, 0.3608.



This preview shows how white text looks on a background with the Yxy color 31.1604, 0.3516, 0.3608.

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

31.1604, 0.3516, 0.3608

Protanopia

31.0891, 0.3424, 0.3630

Deuteranopia

31.1414, 0.3604, 0.3541



Tritanopia

31.0861, 0.3271, 0.3130

Trichromacy



Original Color

31.1604, 0.3516, 0.3608

Protanomaly

31.0791, 0.3460, 0.3612

Deuteranomaly

31.1103, 0.3567, 0.3558

Tritanomaly

30.9579, 0.3361, 0.3291

Monochromacy



Original Color

31.1604, 0.3516, 0.3608

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.2845, 0.3265, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1604, 0.3516, 0.3608 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(166, 149, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 31.1604, 0.3516, 0.3608 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, 128) }
```

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

```
.border{ border-color:rgb(166, 149, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(166, 149,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1604, 0.3516, 0.3608 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, 128) }
```

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

```
.background{ background-color: rgb(166,  
149, 128) }
```

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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