

Converting Colors

Yxy(31.1348, 0.3531, 0.3955)

Have a look what the booklet for
Yxy(31.1348, 0.3531, 0.3955)
contains.

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Color

Yxy(31.1511, 0.3527, 0.3951)

Conversions

Conversions Part 1

Format	Color
Hex	9A9A70
RGB	154, 154, 112
RGB Percent	60%, 60%, 44%
CMY	0.3961, 0.3961, 0.5607
CMYK	0.00, 0.00, 0.27, 0.40
HSL	60°, 17%, 52%
HSV	60°, 27%, 60%
XYZ	27.8081, 31.1511, 19.8844
YIQ	149.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

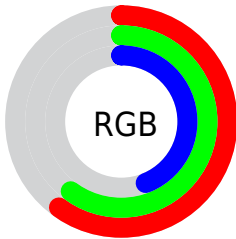
Format	Color
RYB	112, 154, 112
Decimal	10132080
CIELab	62.63, -7.01, 22.11
CIElCh	63, 23.193, 107.600
Yxy	31.1511, 0.3527, 0.3951
Android (android.graphics.Color)	4288322160 (0xFF9A9A70)
YUV	149.2120, -18.3455, 4.1991
Hunter-Lab	55.8132, -8.7379, 17.9462

Details

The Yxy color **31.1511, 0.3527, 0.3951** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3746, 0.2668, 0.2531**, and the grayscale version is **30.2249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3474, 0.3452, 0.3812**, and **12.8954, 0.3643, 0.4174** is the 20% darker color. If you saturate the color by 10%, you get **30.8381, 0.3671, 0.4190**, and if you desaturate by 10%, it is **31.5255, 0.3379, 0.3706**.

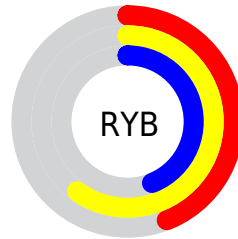
Distribution



Red (60%)

Green (60%)

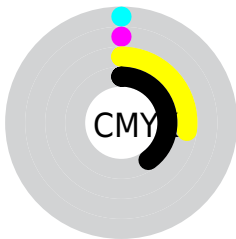
Blue (44%)



Red (44%)

Yellow (60%)

Blue (44%)

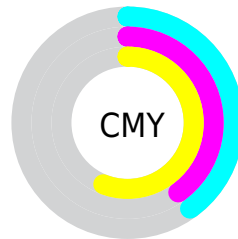


Cyan (0%)

Magenta (0%)

Yellow (27%)

Black (40%)



Cyan (40%)


Magenta (40%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1511, 0.3527, 0.3951 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 31.1511, 0.3527, 0.3951 by changing the saturation by 10% instead.


 31.1511, 0.3527,
0.3951


 31.1511, 0.3527,
0.3951


307.2338, 0.3318,
0.3594


 20.7139, 0.3581,
0.4049


 61.4779, 0.3450,
0.3815

 12.9151, 0.3651,
0.4179


 82.1363, 0.3421,
0.3766

 7.3701, 0.3743,
0.4361


 106.9706, 0.3397,
0.3725

 3.6946, 0.3867,
0.4629

 136.3651, 0.3377,
0.3691

 1.5042, 0.4437,
0.5563

170.7043, 0.3359,
0.3661

 0.2917, 0.2666,
0.7334

210.3726, 0.3344,

 0.0000, 0.0000,

0.3636

0.0000

255.7543, 0.3330,
0.3614

■ 31.1511, 0.3527,
0.3951

■ 31.1511, 0.3527,
0.3951

■ 30.8381, 0.3671,
0.4190

■ 31.5255, 0.3379,
0.3706

■ 30.5795, 0.3806,
0.4413

■ 31.9600, 0.3231,
0.3462

■ 30.3733, 0.3927,
0.4612

■ 32.4586, 0.3089,
0.3226

■ 30.2159, 0.4027,
0.4778

■ 33.0237, 0.2953,
0.3001

■ 30.1034, 0.4104,
0.4906

■ 33.6575, 0.2825,
0.2791

■ 30.0311, 0.4157,
0.4992

■ 34.3624, 0.2708,
0.2597

■ 29.9911, 0.4186,
0.5041

■ 35.1405, 0.2600,
0.2418

■ 29.9818, 0.4193,
0.5053

■ 35.9937, 0.2502,
0.2256

■ 36.9240, 0.2413,
0.2110

Harmonies

Analogous

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



31.1511, 0.3787, 0.3814



31.1511, 0.3527, 0.3951



31.1511, 0.3169, 0.3895

Triad

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



31.1511, 0.3527, 0.3951



31.1511, 0.2440, 0.2958



31.1511, 0.3427, 0.2970

Complementary

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



31.1511, 0.3527, 0.3951



17.3746, 0.2668, 0.2531

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.



31.1511, 0.3050, 0.2768



31.1511, 0.3527, 0.3951



31.1511, 0.2498, 0.2747

Square

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



31.1511, 0.3527, 0.3951



31.1511, 0.2551, 0.3286



31.1511, 0.2714, 0.2685



31.1511, 0.3733, 0.3250

Rectangle

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



31.1511, 0.3527, 0.3951



31.1511, 0.2925, 0.3744



31.1511, 0.2714, 0.2685



31.1511, 0.3304, 0.2891

Sweetspot

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



31.1525, 0.3527, 0.3951



57.9802, 0.3245, 0.3484



19.6511, 0.3687, 0.3280



13.0967, 0.3266, 0.3519



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.1525, 0.3527, 0.3951



56.2117, 0.3620, 0.4105



29.3273, 0.3310, 0.4000



7.2229, 0.3260, 0.3510



24.4263, 0.4193, 0.5053



0.3652, 0.4193, 0.5053

Inverse Universe

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



17.3746, 0.2668, 0.2531



26.7069, 0.2541, 0.2320



18.8589, 0.2898, 0.2578



6.0263, 0.2988, 0.3060



1.9008, 0.1500, 0.0600



0.0284, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 31.1511, 0.3527, 0.3951 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 31.1511, 0.3527, 0.3951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

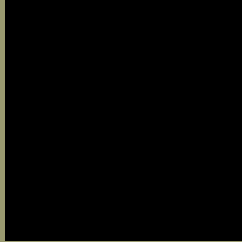
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

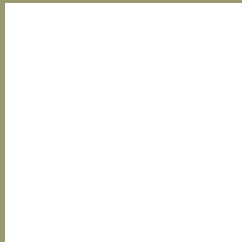
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.1511, 0.3527, 0.3951

Background



This preview shows how black text looks on a background with the Yxy color 31.1511, 0.3527, 0.3951.



This preview shows how white text looks on a background with the Yxy color 31.1511, 0.3527, 0.3951.

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

31.1511, 0.3527, 0.3951

Protanopia

31.0674, 0.3648, 0.3902

Deuteranopia

30.9307, 0.3813, 0.3741



Tritanopia

31.1566, 0.3145, 0.3126

Trichromacy



Original Color

31.1511, 0.3527, 0.3951

Protanomaly

31.0778, 0.3610, 0.3924

Deuteranomaly

30.8071, 0.3708, 0.3816

Tritanomaly

31.0348, 0.3287, 0.3413

Monochromacy



Original Color

31.1511, 0.3527, 0.3951

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4901, 0.3270, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1511, 0.3527, 0.3951 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(154, 154, 112)` looks like.

```
.text, #text, p{  
    color:rgb(154, 154, 112)  
}
```

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(154, 154, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 154, 112) }
```

Border

The CSS property to change the border of an element to Yxy 31.1511, 0.3527, 0.3951 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(154, 154, 112) }
```

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

```
.border{ border-color:rgb(154, 154, 112) }
```

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

Here you see how a box with a 4 pixel rgb(154, 154, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 154, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 154, 112);  
box-shadow:4px 4px 4px 4px rgb(154, 154,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1511, 0.3527, 0.3951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 154, 112) }
```

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

```
.background{ background-color: rgb(154,  
154, 112) }
```

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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