

Converting Colors

$Yxy(31.1132, 0.3465, 0.3676)$

Have a look what the booklet for
Yxy(31.1132, 0.3465, 0.3676)
contains.

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Color

Yxy(31.1132, 0.3465, 0.3676)

Conversions

Conversions Part 1

Format	Color
Hex	A0977E
RGB	160, 151, 126
RGB Percent	63%, 59%, 49%
CMY	0.3726, 0.4078, 0.5059
CMYK	0.00, 0.06, 0.21, 0.37
HSL	44°, 15%, 56%
HSV	44°, 21%, 63%
XYZ	29.3273, 31.1132, 24.1982
YIQ	150.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

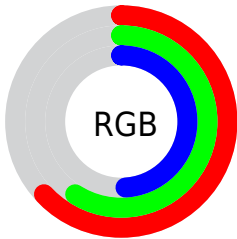
Format	Color
RYB	138, 160, 126
Decimal	10524542
CIELab	62.60, -0.94, 14.38
CIELCh	63, 14.408, 93.731
Yxy	31.1132, 0.3465, 0.3676
Android (android.graphics.Color)	4288714622 (0xFFA0977E)
YUV	150.8410, -12.2466, 8.0324
Hunter-Lab	55.7792, -3.7627, 13.3242

Details

The Yxy color **31.1132, 0.3465, 0.3676** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2944, 0.2791, 0.2872**, and the grayscale version is **30.9248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3644, 0.3395, 0.3593**, and **12.8383, 0.3576, 0.3800** is the 20% darker color. If you saturate the color by 10%, you get **29.3982, 0.3642, 0.3864**, and if you desaturate by 10%, it is **32.9458, 0.3299, 0.3490**.

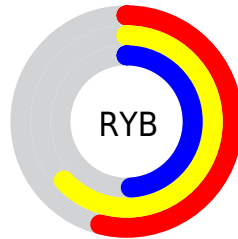
Distribution



Red (63%)

Green (59%)

Blue (49%)



Red (54%)

Yellow (63%)

Blue (49%)

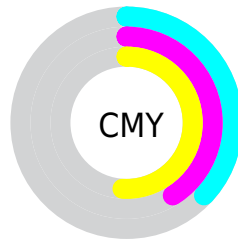


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (37%)



Cyan (37%)


Magenta (41%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1132, 0.3465, 0.3676 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 31.1132, 0.3465, 0.3676 by changing the saturation by 10% instead.

 31.1132, 0.3465,
0.3676


 31.1132, 0.3465,
0.3676


307.0595, 0.3285,
0.3470

 20.6851, 0.3514,
0.3732


 61.4183, 0.3397,
0.3598

 12.8940, 0.3578,
0.3807


 82.0640, 0.3372,
0.3569

 7.3556, 0.3668,
0.3911


 106.8843, 0.3352,
0.3546

 3.6855, 0.3800,
0.4066

136.2637, 0.3334,
0.3526

 1.4992, 0.4089,
0.4402

170.5865, 0.3319,
0.3509

 0.2882, 0.4655,
0.5345

210.2371, 0.3307,

 0.0000, 0.0000,

0.3494

0.0000

255.6000, 0.3295,
0.3481

■ 31.1132, 0.3465,
0.3676

■ 31.1132, 0.3465,
0.3676

■ 29.3982, 0.3642,
0.3864

■ 32.9458, 0.3299,
0.3490

■ 27.7930, 0.3828,
0.4049

■ 34.8952, 0.3145,
0.3312

■ 26.2951, 0.4016,
0.4223

■ 36.9660, 0.3005,
0.3142

■ 24.9002, 0.4200,
0.4375

■ 39.1615, 0.2879,
0.2985

■ 23.6036, 0.4373,
0.4497

■ 41.4844, 0.2765,
0.2838

■ 22.4003, 0.4526,
0.4578

■ 43.9376, 0.2663,
0.2704

■ 21.2840, 0.4652,
0.4613

■ 46.5238, 0.2571,
0.2580

■ 20.3660, 0.4745,
0.4615

■ 49.2457, 0.2490,
0.2467

■ 51.1025, 0.2492,
0.2509

Harmonies

Analogous

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



31.1132, 0.3575, 0.3557



31.1132, 0.3465, 0.3676



31.1132, 0.3265, 0.3691

Triad

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



31.1132, 0.3465, 0.3676



31.1132, 0.2711, 0.3178



31.1132, 0.3210, 0.3018

Complementary

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



31.1132, 0.3465, 0.3676



24.2944, 0.2791, 0.2872

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.



31.1132, 0.2978, 0.2921



31.1132, 0.3465, 0.3676



31.1132, 0.2697, 0.3004

Square

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



31.1132, 0.3465, 0.3676



31.1132, 0.2833, 0.3394



31.1132, 0.2793, 0.2914



31.1132, 0.3426, 0.3182

Rectangle

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



31.1132, 0.3465, 0.3676



31.1132, 0.3110, 0.3634



31.1132, 0.2793, 0.2914



31.1132, 0.3131, 0.2977

Sweetspot

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



31.1146, 0.3465, 0.3676



61.6207, 0.3218, 0.3398



24.1449, 0.3433, 0.3148



13.4680, 0.3228, 0.3408



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.



31.1146, 0.3465, 0.3676



55.1605, 0.3539, 0.3756



33.3233, 0.3358, 0.3820



7.4237, 0.3267, 0.3454



15.9427, 0.4739, 0.4620



0.3494, 0.4481, 0.4824

Inverse Universe

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



24.2944, 0.2791, 0.2872



40.7454, 0.2717, 0.2776



22.5220, 0.2864, 0.2730



6.7060, 0.2988, 0.3121



3.3451, 0.1597, 0.0950



0.1231, 0.1798, 0.1674

Previews

White Background



This preview shows how the Yxy color 31.1132, 0.3465, 0.3676 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 31.1132, 0.3465, 0.3676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

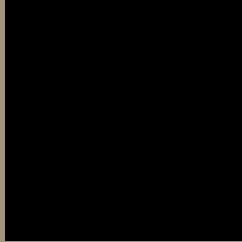
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1132, 0.3465, 0.3676

Background



This preview shows how black text looks on a background with the Yxy color 31.1132, 0.3465, 0.3676.



This preview shows how white text looks on a background with the Yxy color 31.1132, 0.3465, 0.3676.

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

31.1132, 0.3465, 0.3676

Protanopia

31.1132, 0.3465, 0.3676

Deuteranopia

31.2040, 0.3636, 0.3569



Tritanopia

31.2286, 0.3197, 0.3128

Trichromacy



Original Color

31.1132, 0.3465, 0.3676

Protanomaly

31.1132, 0.3465, 0.3676

Deuteranomaly

31.2582, 0.3574, 0.3604

Tritanomaly

31.0417, 0.3304, 0.3321

Monochromacy



Original Color

31.1132, 0.3465, 0.3676

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.9562, 0.3244, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1132, 0.3465, 0.3676 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(160, 151, 126)` looks like.

```
.text, #text, p{  
    color:rgb(160, 151, 126)  
}
```

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(160, 151, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 151, 126) }
```

Border

The CSS property to change the border of an element to Yxy 31.1132, 0.3465, 0.3676 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(160, 151, 126) }
```

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

```
.border{ border-color:rgb(160, 151, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 151, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 151, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 151, 126);  
box-shadow:4px 4px 4px 4px rgb(160, 151,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1132, 0.3465, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 151, 126) }
```

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

```
.background{ background-color: rgb(160,  
151, 126) }
```

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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