

Converting Colors

$Y_{xy}(30.8719, 0.3564, 0.3612)$

Have a look what the booklet for
Yxy(30.8719, 0.3564, 0.3612)
contains.

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Color

Yxy(31.0110, 0.3562, 0.3621)

Conversions

Conversions Part 1

Format	Color
Hex	A8947E
RGB	168, 148, 126
RGB Percent	66%, 58%, 49%
CMY	0.3412, 0.4196, 0.5058
CMYK	0.00, 0.12, 0.25, 0.34
HSL	31°, 19%, 58%
HSV	31°, 25%, 66%
XYZ	30.5057, 31.0110, 24.1254
YIQ	151.4720, 18.9820, -2.6020

Conversions

Conversions Part 2

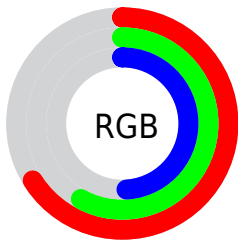
Format	Color
RYB	164, 168, 126
Decimal	11048062
CIELab	62.52, 3.90, 14.35
CIELCh	63, 14.871, 74.798
Yxy	31.0110, 0.3562, 0.3621
Android (android.graphics.Color)	4289238142 (0xFFA8947E)
YUV	151.4720, -12.5577, 14.4951
Hunter-Lab	55.6875, 0.3294, 13.2952

Details

The Yxy color **31.0110, 0.3562, 0.3621** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8308, 0.2737, 0.2935**, and the grayscale version is **31.2106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3430, 0.3475, 0.3553**, and **12.7300, 0.3706, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **28.1893, 0.3775, 0.3760**, and if you desaturate by 10%, it is **34.0820, 0.3372, 0.3484**.

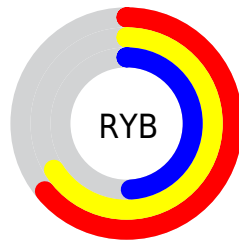
Distribution



Red (66%)

Green (58%)

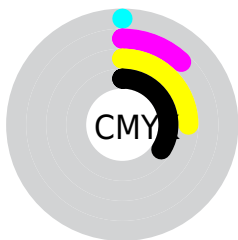
Blue (49%)



Red (64%)

Yellow (66%)

Blue (49%)

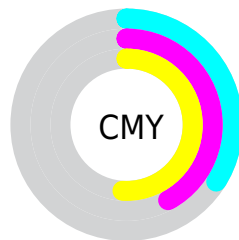


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (34%)



Cyan (34%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0110, 0.3562, 0.3621 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 31.0110, 0.3562, 0.3621 by changing the saturation by 10% instead.

 31.0110, 0.3562,
0.3621


 31.0110, 0.3562,
0.3621


306.5890, 0.3329,
0.3447


 20.6072, 0.3625,
0.3667

 61.2574, 0.3474,
0.3556

 12.8372, 0.3710,
0.3728


 81.8688, 0.3441,
0.3532

 7.3165, 0.3829,
0.3811


 106.6515, 0.3415,
0.3512

 3.6608, 0.4006,
0.3932

135.9900, 0.3392,
0.3495

 1.4857, 0.4378,
0.4195

170.2686, 0.3373,
0.3480

 0.2786, 0.5637,
0.4363

209.8717, 0.3357,

 0.0000, 0.0000,

0.3468

0.0000

255.1837, 0.3342,
0.3457

■ 31.0110, 0.3562,
0.3621

■ 31.0110, 0.3562,
0.3621

■ 28.1893, 0.3775,
0.3760

■ 34.0820, 0.3372,
0.3484

■ 25.6056, 0.4009,
0.3895

■ 37.4050, 0.3203,
0.3353

■ 23.2538, 0.4260,
0.4019

■ 40.9876, 0.3055,
0.3229

■ 21.1258, 0.4520,
0.4120

■ 44.8363, 0.2926,
0.3114

■ 19.2129, 0.4779,
0.4187

■ 48.9568, 0.2812,
0.3008

■ 17.5054, 0.5020,
0.4208

■ 53.3550, 0.2713,
0.2911

■ 15.9923, 0.5229,
0.4177

■ 58.0363, 0.2626,
0.2821

■ 15.2968, 0.5328,
0.4151

■ 62.6517, 0.2578,
0.2796

■ 66.7546, 0.2590,
0.2891

Harmonies

Analogous

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



31.0110, 0.3597, 0.3452



31.0110, 0.3562, 0.3621



31.0110, 0.3408, 0.3709

Triad

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



31.0110, 0.3562, 0.3621



31.0110, 0.2765, 0.3314



31.0110, 0.3058, 0.2937

Complementary

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



31.0110, 0.3562, 0.3621



27.8308, 0.2737, 0.2935

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.



31.0110, 0.2843, 0.2893



31.0110, 0.3562, 0.3621



31.0110, 0.2679, 0.3100

Square

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



31.0110, 0.3562, 0.3621



31.0110, 0.2947, 0.3531



31.0110, 0.2707, 0.2949



31.0110, 0.3300, 0.3065

Rectangle

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



31.0110, 0.3562, 0.3621



31.0110, 0.3261, 0.3703



31.0110, 0.2707, 0.2949



31.0110, 0.2981, 0.2911

Sweetspot

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



31.0124, 0.3562, 0.3621



66.5437, 0.3238, 0.3380



25.3388, 0.3397, 0.2986



14.4290, 0.3247, 0.3387



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.



31.0124, 0.3562, 0.3621



53.3699, 0.3678, 0.3698



37.7611, 0.3489, 0.3901



8.1678, 0.3273, 0.3408



11.6548, 0.5314, 0.4163



0.3850, 0.4854, 0.4528

Inverse Universe

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



27.8308, 0.2737, 0.2935



46.5904, 0.2647, 0.2843



22.2470, 0.2715, 0.2599



7.8681, 0.2987, 0.3169



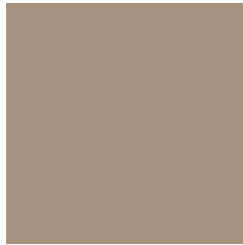
6.5743, 0.1758, 0.1530



0.2629, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 31.0110, 0.3562, 0.3621 looks on a white background.

Color Contrast Check

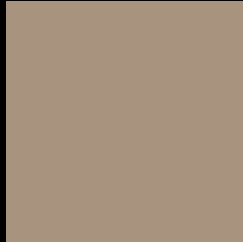
Large Text (above 18pt) WCAG AA × Fail

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 31.0110, 0.3562, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

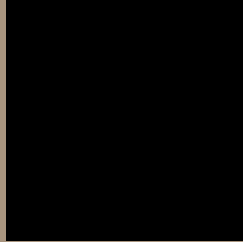
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0110, 0.3562, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 31.0110, 0.3562, 0.3621.



This preview shows how white text looks on a background with the Yxy color 31.0110, 0.3562, 0.3621.

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

31.0110, 0.3562, 0.3621

Protanopia

31.0365, 0.3444, 0.3662

Deuteranopia

30.8971, 0.3640, 0.3555



Tritanopia

30.9710, 0.3304, 0.3131

Trichromacy



Original Color

31.0110, 0.3562, 0.3621

Protanomaly

31.0264, 0.3480, 0.3643

Deuteranomaly

30.8607, 0.3603, 0.3573

Tritanomaly

30.8105, 0.3405, 0.3306

Monochromacy



Original Color

31.0110, 0.3562, 0.3621

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.9338, 0.3277, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0110, 0.3562, 0.3621 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(168, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(168, 148, 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(168, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 148, 126) }
```

Border

The CSS property to change the border of an element to Yxy 31.0110, 0.3562, 0.3621 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(168, 148, 126) }
```

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

```
.border{ border-color:rgb(168, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(168, 148,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0110, 0.3562, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 148, 126) }
```

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

```
.background{ background-color: rgb(168,  
148, 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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