

Converting Colors

$Yxy(31.6914, 0.3621, 0.3727)$

Have a look what the booklet for
Yxy(31.6914, 0.3621, 0.3727)
contains.

Yxy(31.6282, 0.3617, 0.3724)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.6282, 0.3617, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	A99679
RGB	169, 150, 121
RGB Percent	66%, 59%, 47%
CMY	0.3373, 0.4117, 0.5254
CMYK	0.00, 0.11, 0.28, 0.34
HSL	36°, 22%, 57%
HSV	36°, 28%, 66%
XYZ	30.7194, 31.6282, 22.5831
YIQ	152.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

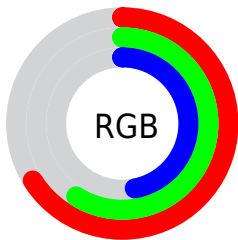
Format	Color
RYB	152, 169, 121
Decimal	11114105
CIELab	63.03, 2.47, 17.88
CIELCh	63, 18.048, 82.144
Yxy	31.6282, 0.3617, 0.3724
Android (android.graphics.Color)	4289304185 (0xFFA99679)
YUV	152.3750, -15.4679, 14.5801
Hunter-Lab	56.2390, -0.9160, 15.5590

Details

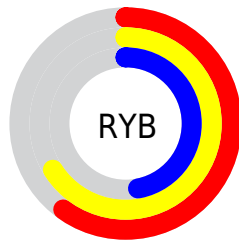
The Yxy color **31.6282, 0.3617, 0.3724** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **25.6906, 0.2675, 0.2813**, and the grayscale version is **31.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2104, 0.3524, 0.3643**, and **13.1046, 0.3783, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **29.1762, 0.3823, 0.3882**, and if you desaturate by 10%, it is **34.2776, 0.3428, 0.3566**.

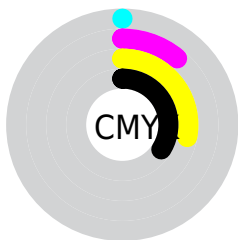
Distribution



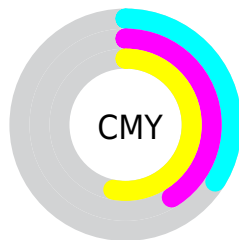
- Red (66%)
- Green (59%)
- Blue (47%)



- Red (60%)
- Yellow (66%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (28%)
- Black (34%)





- Cyan (34%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6282, 0.3617, 0.3724 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 31.6282, 0.3617, 0.3724 by changing the saturation by 10% instead.


 31.6282, 0.3617,
0.3724


 31.6282, 0.3617,
0.3724


309.4221, 0.3356,
0.3496

 21.0777, 0.3687,
0.3784


 62.2278, 0.3519,
0.3638

 13.1808, 0.3780,
0.3864


 83.0456, 0.3483,
0.3607

 7.5532, 0.3908,
0.3971


 108.0547, 0.3453,
0.3581

 3.8104, 0.4096,
0.4125

137.6393, 0.3428,
0.3559

 1.5681, 0.4555,
0.4520

172.1840, 0.3406,
0.3540

 0.3359, 0.5305,
0.4695

212.0731, 0.3387,

 0.0000, 0.0000,

0.3523

0.0000

257.6910, 0.3371,
0.3509

■ 31.6282, 0.3617,
0.3724

■ 31.6282, 0.3617,
0.3724

■ 29.1762, 0.3823,
0.3882

■ 34.2776, 0.3428,
0.3566

■ 26.9116, 0.4043,
0.4033

■ 37.1255, 0.3257,
0.3413

■ 24.8294, 0.4272,
0.4167

■ 40.1786, 0.3104,
0.3267

■ 22.9231, 0.4499,
0.4275

■ 43.4418, 0.2968,
0.3131

■ 21.1852, 0.4715,
0.4344

■ 46.9200, 0.2847,
0.3004

■ 19.6075, 0.4908,
0.4365

■ 50.6177, 0.2741,
0.2887

■ 18.1770, 0.5072,
0.4339

■ 54.5394, 0.2647,
0.2780

■ 17.9567, 0.5098,
0.4334

■ 58.6104, 0.2570,
0.2695

■ 61.8489, 0.2580,
0.2775

Harmonies

Analogous

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



31.6282, 0.3700, 0.3536



31.6282, 0.3617, 0.3724



31.6282, 0.3402, 0.3802

Triad

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



31.6282, 0.3617, 0.3724



31.6282, 0.2656, 0.3249



31.6282, 0.3114, 0.2897

Complementary

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



31.6282, 0.3617, 0.3724



25.6906, 0.2675, 0.2813

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.



31.6282, 0.2842, 0.2817



31.6282, 0.3617, 0.3724



31.6282, 0.2586, 0.3005

Square

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



31.6282, 0.3617, 0.3724



31.6282, 0.2848, 0.3522



31.6282, 0.2652, 0.2852



31.6282, 0.3402, 0.3070

Rectangle

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



31.6282, 0.3617, 0.3724



31.6282, 0.3216, 0.3772



31.6282, 0.2652, 0.2852



31.6282, 0.3018, 0.2859

Sweetspot

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



31.6296, 0.3617, 0.3724



66.0877, 0.3269, 0.3424



24.0149, 0.3493, 0.3001



14.2446, 0.3292, 0.3446



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.



31.6296, 0.3617, 0.3724



53.8777, 0.3744, 0.3823



37.6668, 0.3499, 0.3995



8.2679, 0.3271, 0.3426



13.4912, 0.5086, 0.4344



0.4239, 0.4723, 0.4632

Inverse Universe

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



25.6906, 0.2675, 0.2813



41.4953, 0.2569, 0.2690



20.9676, 0.2690, 0.2498



7.7696, 0.2986, 0.3150



5.2159, 0.1689, 0.1281



0.2272, 0.1879, 0.1963

Previews

White Background



This preview shows how the Yxy color 31.6282, 0.3617, 0.3724 looks on a white background.

Color Contrast Check

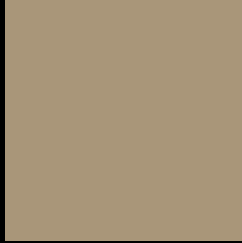
Large Text (above 18pt) WCAG AA × Fail

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 31.6282, 0.3617, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

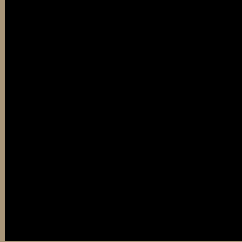
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6282, 0.3617, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 31.6282, 0.3617, 0.3724.



This preview shows how white text looks on a background with the Yxy color 31.6282, 0.3617, 0.3724.

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

31.6282, 0.3617, 0.3724

Protanopia

31.5430, 0.3524, 0.3750

Deuteranopia

31.7376, 0.3719, 0.3653



Tritanopia

31.5353, 0.3314, 0.3132

Trichromacy



Original Color

31.6282, 0.3617, 0.3724

Protanomaly

31.5377, 0.3560, 0.3730

Deuteranomaly

31.6989, 0.3681, 0.3672

Tritanomaly

31.6213, 0.3432, 0.3349

Monochromacy



Original Color

31.6282, 0.3617, 0.3724

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3254, 0.3295, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6282, 0.3617, 0.3724 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(169, 150, 121)` looks like.

```
.text, #text, p{  
    color:rgb(169, 150, 121)  
}
```

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(169, 150, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 150, 121) }
```

Border

The CSS property to change the border of an element to Yxy 31.6282, 0.3617, 0.3724 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(169, 150, 121) }
```

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

```
.border{ border-color:rgb(169, 150, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 150, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 150, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 150, 121);  
box-shadow:4px 4px 4px 4px rgb(169, 150,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6282, 0.3617, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 150, 121) }
```

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

```
.background{ background-color: rgb(169,  
150, 121) }
```

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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