

Converting Colors

$Y_{xy}(29.4731, 0.3960, 0.3893)$

Have a look what the booklet for
Yxy(29.4731, 0.3960, 0.3893)
contains.

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Color

Yxy(29.6132, 0.3966, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	B18E64
RGB	177, 142, 100
RGB Percent	69%, 56%, 39%
CMY	0.3059, 0.4431, 0.6077
CMYK	0.00, 0.20, 0.43, 0.31
HSL	33°, 33%, 54%
HSV	33°, 43%, 69%
XYZ	30.1066, 29.6132, 16.1920
YIQ	147.6770, 34.3420, -5.6420

Conversions

Conversions Part 2

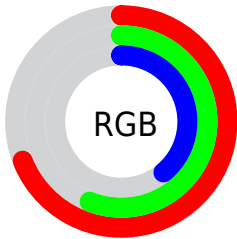
Format	Color
RYB	164, 177, 100
Decimal	11636324
CIELab	61.32, 7.56, 27.35
CIELCh	61, 28.375, 74.540
Yxy	29.6132, 0.3966, 0.3901
Android (android.graphics.Color)	4289826404 (0xFFB18E64)
YUV	147.6770, -23.5048, 25.7163
Hunter-Lab	54.4180, 3.5232, 20.4510

Details

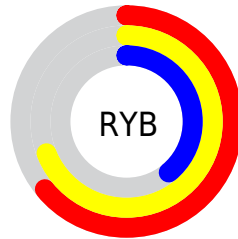
The Yxy color $29.6132, 0.3966, 0.3901$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $23.2219, 0.2429, 0.2580$, and the grayscale version is $29.5634, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.2066, 0.3797, 0.3794$, and $12.1132, 0.4255, 0.4085$ is the 20% darker color. If you saturate the color by 10%, you get $26.9988, 0.4210, 0.4032$, and if you desaturate by 10%, it is $32.4779, 0.3739, 0.3759$.

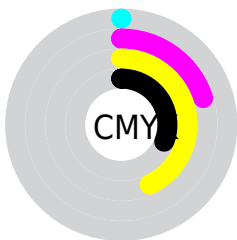
Distribution



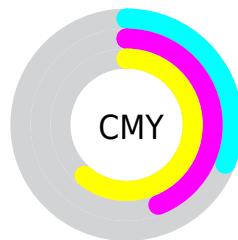
- Red (69%)
- Green (56%)
- Blue (39%)



- Red (64%)
- Yellow (69%)
- Blue (39%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.6132, 0.3966, 0.3901 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 29.6132, 0.3966, 0.3901 by changing the saturation by 10% instead.


 29.6132, 0.3966,
0.3901


 29.6132, 0.3966,
0.3901


300.0973, 0.3517,
0.3586


 19.5452, 0.4086,
0.3979


 59.0499, 0.3797,
0.3786


 12.0649, 0.4243,
0.4078


 79.1874, 0.3735,
0.3743

 6.7879, 0.4454,
0.4202


 103.4502, 0.3683,
0.3706

 3.3298, 0.4767,
0.4370

 132.2227, 0.3640,
0.3675

 1.3062, 0.5339,
0.4661

165.8893, 0.3603,
0.3649

 0.1460, 0.6889,
0.3111

204.8343, 0.3570,

 0.0000, 0.0000,

0.3625

0.0000

249.4422, 0.3542,
0.3605

■ 29.6132, 0.3966,
0.3901

■ 29.6132, 0.3966,
0.3901

■ 26.9988, 0.4210,
0.4032

■ 32.4779, 0.3739,
0.3759

■ 24.6220, 0.4462,
0.4142

■ 35.5965, 0.3531,
0.3614

■ 22.4749, 0.4712,
0.4219

■ 38.9781, 0.3345,
0.3472

■ 20.5474, 0.4946,
0.4250

■ 42.6296, 0.3180,
0.3336

■ 18.8280, 0.5150,
0.4230

■ 46.5580, 0.3035,
0.3208

■ 17.8080, 0.5271,
0.4197

■ 50.7698, 0.2907,
0.3089

■ 55.2712, 0.2795,
0.2979

■ 60.0682, 0.2696,
0.2878

■ 64.8847, 0.2633,
0.2831

Harmonies

Analogous

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



29.6132, 0.4044, 0.3566



29.6132, 0.3966, 0.3901



29.6132, 0.3657, 0.4105

Triad

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



29.6132, 0.3966, 0.3901



29.6132, 0.2442, 0.3325



29.6132, 0.2981, 0.2635

Complementary

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



29.6132, 0.3966, 0.3901



23.2219, 0.2429, 0.2580

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.



29.6132, 0.2582, 0.2549



29.6132, 0.3966, 0.3901



29.6132, 0.2289, 0.2906

Square

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



29.6132, 0.3966, 0.3901



29.6132, 0.2775, 0.3775



29.6132, 0.2339, 0.2636



29.6132, 0.3451, 0.2866

Rectangle

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



29.6132, 0.3966, 0.3901



29.6132, 0.3372, 0.4115



29.6132, 0.2339, 0.2636



29.6132, 0.2834, 0.2589

Sweetspot

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



29.6146, 0.3966, 0.3901



69.9724, 0.3340, 0.3468



20.2433, 0.3710, 0.2768



14.8706, 0.3379, 0.3498



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.6146, 0.3966, 0.3901



48.6202, 0.4195, 0.4025



41.4163, 0.3738, 0.4352



9.2474, 0.3274, 0.3414



13.0243, 0.5256, 0.4209



0.5246, 0.4885, 0.4503

Inverse Universe

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



23.2219, 0.2429, 0.2580



35.7145, 0.2278, 0.2392



15.1534, 0.2350, 0.1974



8.8455, 0.2985, 0.3163



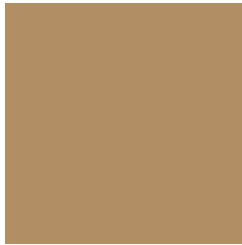
6.6271, 0.1738, 0.1455



0.3256, 0.1889, 0.2000

Previews

White Background



This preview shows how the Yxy color 29.6132, 0.3966, 0.3901 looks on a white background.

Color Contrast Check

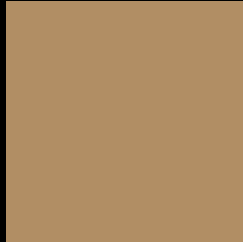
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6132, 0.3966, 0.3901 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 × Fail

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

Yxy 29.6132, 0.3966, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 29.6132, 0.3966, 0.3901.



This preview shows how white text looks on a background with the Yxy color 29.6132, 0.3966, 0.3901.

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

29.6132, 0.3966, 0.3901

Protanopia

29.6327, 0.3708, 0.3990

Deuteranopia

29.6132, 0.3966, 0.3901



Tritanopia

29.5074, 0.3527, 0.3149

Trichromacy



Original Color

29.6132, 0.3966, 0.3901

Protanomaly

29.6241, 0.3796, 0.3959

Deuteranomaly

29.6132, 0.3966, 0.3901

Tritanomaly

29.4652, 0.3701, 0.3422

Monochromacy



Original Color

29.6132, 0.3966, 0.3901

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5674, 0.3417, 0.3524

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6132, 0.3966, 0.3901 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(177, 142, 100)` looks like.

```
.text, #text, p{  
    color:rgb(177, 142, 100)  
}
```

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(177, 142, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 142, 100) }
```

Border

The CSS property to change the border of an element to Yxy 29.6132, 0.3966, 0.3901 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(177, 142, 100) }
```

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

```
.border{ border-color:rgb(177, 142, 100) }
```

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

Here you see how a box with a 4 pixel rgb(177, 142, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 142, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 142, 100);  
box-shadow:4px 4px 4px 4px rgb(177, 142,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6132, 0.3966, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 142, 100) }
```

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

```
.background{ background-color: rgb(177,  
142, 100) }
```

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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