

Converting Colors

$Yxy(28.5428, 0.3659, 0.3896)$

Have a look what the booklet for
Yxy(28.5428, 0.3659, 0.3896)
contains.

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Color

Yxy(28.5814, 0.3659, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	9E916B
RGB	158, 145, 107
RGB Percent	62%, 57%, 42%
CMY	0.3803, 0.4314, 0.5804
CMYK	0.00, 0.08, 0.32, 0.38
HSL	45°, 21%, 52%
HSV	45°, 32%, 62%
XYZ	26.8841, 28.5814, 18.0085
YIQ	144.5550, 19.9460, -9.0620

Conversions

Conversions Part 2

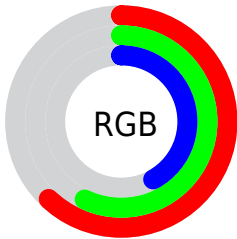
Format	Color
RYB	124, 158, 107
Decimal	10391915
CIELab	60.41, -1.14, 21.96
CIElCh	60, 21.989, 92.977
Yxy	28.5814, 0.3659, 0.3890
Android (android.graphics.Color)	4288581995 (0xFF9E916B)
YUV	144.5550, -18.5146, 11.7913
Hunter-Lab	53.4616, -3.7957, 17.4513

Details

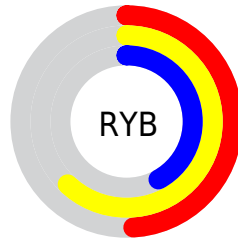
The Yxy color **28.5814, 0.3659, 0.3890** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.0365, 0.2596, 0.2607**, and the grayscale version is **28.1977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4962, 0.3545, 0.3766**, and **11.5644, 0.3840, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **27.0680, 0.3843, 0.4076**, and if you desaturate by 10%, it is **30.2021, 0.3482, 0.3700**.

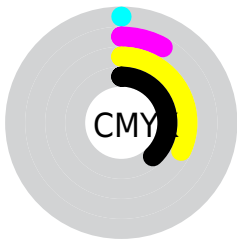
Distribution



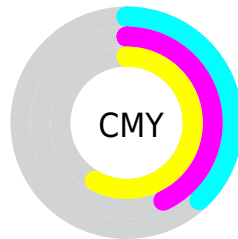
- Red (62%)
- Green (57%)
- Blue (42%)



- Red (49%)
- Yellow (62%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5814, 0.3659, 0.3890 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 28.5814, 0.3659, 0.3890 by changing the saturation by 10% instead.


 28.5814, 0.3659,
0.3890


 28.5814, 0.3659,
0.3890


295.2347, 0.3374,
0.3567


 18.7644, 0.3736,
0.3978


 57.4113, 0.3551,
0.3767


 11.5002, 0.3837,
0.4094


 77.1931, 0.3512,
0.3723

 6.4043, 0.3975,
0.4255


 101.0651, 0.3479,
0.3686

 3.0924, 0.4172,
0.4486

 129.4120, 0.3452,
0.3655

 1.1802, 0.4797,
0.5203

162.6180, 0.3428,
0.3628

 0.0454, 0.2520,
0.7480

201.0675, 0.3408,

 0.0000, 0.0000,

0.3605

0.0000

245.1449, 0.3390,
0.3585

■ 28.5814, 0.3659,
0.3890

■ 28.5814, 0.3659,
0.3890

■ 27.0680, 0.3843,
0.4076

■ 30.2021, 0.3482,
0.3700

■ 25.6542, 0.4029,
0.4249

■ 31.9296, 0.3315,
0.3512

■ 24.3371, 0.4210,
0.4400

■ 33.7685, 0.3161,
0.3330

■ 23.1124, 0.4377,
0.4519

■ 35.7220, 0.3020,
0.3158

■ 21.9748, 0.4524,
0.4597

■ 37.7931, 0.2892,
0.2997

■ 20.9185, 0.4644,
0.4629

■ 39.9844, 0.2776,
0.2848

■ 20.1493, 0.4723,
0.4632

■ 42.2989, 0.2673,
0.2711

■ 44.7389, 0.2580,
0.2585

■ 47.3072, 0.2497,
0.2470

Harmonies

Analogous

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



28.5814, 0.3834, 0.3688



28.5814, 0.3659, 0.3890



28.5814, 0.3345, 0.3932

Triad

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



28.5814, 0.3659, 0.3890



28.5814, 0.2489, 0.3112



28.5814, 0.3242, 0.2869

Complementary

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



28.5814, 0.3659, 0.3890



19.0365, 0.2596, 0.2607

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.



28.5814, 0.2882, 0.2724



28.5814, 0.3659, 0.3890



28.5814, 0.2464, 0.2843

Square

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



28.5814, 0.3659, 0.3890



28.5814, 0.2674, 0.3460



28.5814, 0.2603, 0.2710



28.5814, 0.3589, 0.3111

Rectangle

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



28.5814, 0.3659, 0.3890



28.5814, 0.3103, 0.3848



28.5814, 0.2603, 0.2710



28.5814, 0.3118, 0.2807

Sweetspot

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



28.5827, 0.3659, 0.3890



58.6423, 0.3282, 0.3473



19.1578, 0.3652, 0.3070



13.1233, 0.3303, 0.3498



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.



28.5827, 0.3659, 0.3890



49.8126, 0.3796, 0.4030



31.6482, 0.3475, 0.4109



7.4332, 0.3267, 0.3456



16.1959, 0.4718, 0.4636



0.3525, 0.4471, 0.4832

Inverse Universe

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



19.0365, 0.2596, 0.2607



29.6535, 0.2459, 0.2417



16.8997, 0.2697, 0.2396



6.6970, 0.2988, 0.3119



3.2681, 0.1592, 0.0931



0.1202, 0.1790, 0.1645

Previews

White Background



This preview shows how the Yxy color 28.5814, 0.3659, 0.3890 looks on a white background.

Color Contrast Check

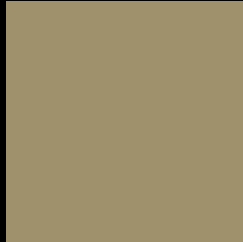
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5814, 0.3659, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

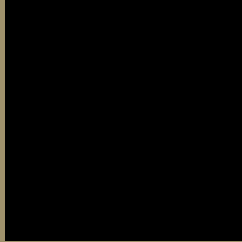
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

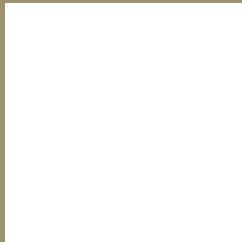
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.5814, 0.3659, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 28.5814, 0.3659, 0.3890.



This preview shows how white text looks on a background with the Yxy color 28.5814, 0.3659, 0.3890.

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

28.5814, 0.3659, 0.3890

Protanopia

28.6872, 0.3631, 0.3910

Deuteranopia

28.6095, 0.3835, 0.3770



Tritanopia

28.4538, 0.3277, 0.3124

Trichromacy



Original Color

28.5814, 0.3659, 0.3890

Protanomaly

28.7874, 0.3643, 0.3907

Deuteranomaly

28.6442, 0.3766, 0.3810

Tritanomaly

28.3481, 0.3421, 0.3399

Monochromacy



Original Color

28.5814, 0.3659, 0.3890

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.3735, 0.3320, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5814, 0.3659, 0.3890 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(158, 145, 107)` looks like.

```
.text, #text, p{  
    color:rgb(158, 145, 107)  
}
```

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(158, 145, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 145, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.5814, 0.3659, 0.3890 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(158, 145, 107) }
```

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

```
.border{ border-color:rgb(158, 145, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 145, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 145, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 145, 107);  
box-shadow:4px 4px 4px 4px rgb(158, 145,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5814, 0.3659, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 145, 107) }
```

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

```
.background{ background-color: rgb(158,  
145, 107) }
```

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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