

Converting Colors

$Y_{xy}(28.9169, 0.3734, 0.4135)$

Have a look what the booklet for
Yxy(28.9169, 0.3734, 0.4135)
contains.

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Color

Yxy(28.9565, 0.3739, 0.4143)

Conversions

Conversions Part 1

Format	Color
Hex	9B945E
RGB	155, 148, 94
RGB Percent	61%, 58%, 37%
CMY	0.3920, 0.4196, 0.6313
CMYK	0.00, 0.05, 0.39, 0.39
HSL	53°, 25%, 49%
HSV	53°, 39%, 61%
XYZ	26.1328, 28.9565, 14.8033
YIQ	143.9370, 21.5060, -15.3100

Conversions

Conversions Part 2

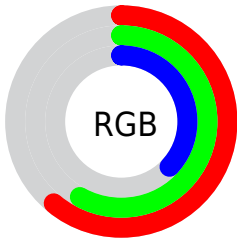
Format	Color
RYB	102, 155, 94
Decimal	10196062
CIELab	60.74, -5.66, 29.48
CIELCh	61, 30.015, 100.875
Yxy	28.9565, 0.3739, 0.4143
Android (android.graphics.Color)	4288386142 (0xFF9B945E)
YUV	143.9370, -24.6189, 9.7023
Hunter-Lab	53.8112, -7.4831, 21.3574

Details

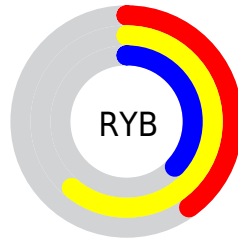
The Yxy color **28.9565, 0.3739, 0.4143** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0647, 0.2443, 0.2261**, and the grayscale version is **27.9602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9870, 0.3617, 0.3972**, and **11.8162, 0.3932, 0.4445** is the 20% darker color. If you saturate the color by 10%, you get **28.1501, 0.3894, 0.4345**, and if you desaturate by 10%, it is **29.8301, 0.3579, 0.3928**.

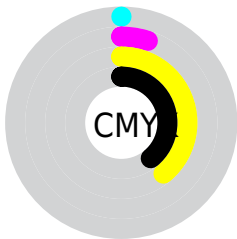
Distribution



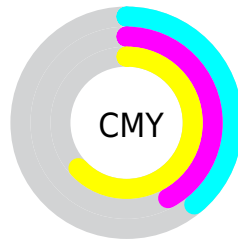
- Red (61%)
- Green (58%)
- Blue (37%)



- Red (40%)
- Yellow (61%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (39%)





- Cyan (39%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9565, 0.3739, 0.4143 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 28.9565, 0.3739, 0.4143 by changing the saturation by 10% instead.


 28.9565, 0.3739,
0.4143


 28.9565, 0.3739,
0.4143


297.0097, 0.3418,
0.3683

 19.0479, 0.3821,
0.4267


 58.0080, 0.3620,
0.3968

 11.7049, 0.3925,
0.4430


 77.9196, 0.3576,
0.3905

 6.5431, 0.4058,
0.4650


 101.9345, 0.3539,
0.3852

 3.1780, 0.4281,
0.5024

 130.4368, 0.3508,
0.3808

 1.2254, 0.4497,
0.5503

163.8111, 0.3481,
0.3770

 0.0823, 0.0000,
1.0000

202.4418, 0.3457,

 0.0000, 0.0000,

0.3737

0.0000

246.7132, 0.3437,
0.3708

■ 28.9565, 0.3739,
0.4143

■ 28.9565, 0.3739,
0.4143

■ 28.1501, 0.3894,
0.4345

■ 29.8301, 0.3579,
0.3928

■ 27.4036, 0.4038,
0.4525

■ 30.7701, 0.3420,
0.3707

■ 26.7144, 0.4165,
0.4673


■ 31.7807, 0.3265,
0.3488


■ 26.0784, 0.4270,
0.4782

■ 32.8646, 0.3118,
0.3277

■ 25.4906, 0.4348,
0.4848

■ 34.0244, 0.2981,
0.3076


 24.9399, 0.4405,
0.4880

 35.2625, 0.2854,
0.2888

 24.9052, 0.4408,
0.4882

 36.5812, 0.2738,
0.2713

 37.9826, 0.2632,
0.2553

 39.4690, 0.2537,
0.2407

Harmonies

Analogous

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



28.9565, 0.4045, 0.3897



28.9565, 0.3739, 0.4143



28.9565, 0.3282, 0.4149

Triad

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



28.9565, 0.3739, 0.4143



28.9565, 0.2247, 0.2926



28.9565, 0.3411, 0.2804

Complementary

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



28.9565, 0.3739, 0.4143



14.0647, 0.2443, 0.2261

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.



28.9565, 0.2912, 0.2577



28.9565, 0.3739, 0.4143



28.9565, 0.2274, 0.2619

Square

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



28.9565, 0.3739, 0.4143



28.9565, 0.2433, 0.3386



28.9565, 0.2506, 0.2506



28.9565, 0.3858, 0.3142

Rectangle

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



28.9565, 0.3739, 0.4143



28.9565, 0.2958, 0.3987



28.9565, 0.2506, 0.2506



28.9565, 0.3242, 0.2713

Sweetspot

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



28.9578, 0.3739, 0.4143



56.3564, 0.3309, 0.3551



15.9210, 0.3963, 0.3173



12.7069, 0.3327, 0.3576



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.9578, 0.3739, 0.4143



50.5923, 0.3872, 0.4317



29.1387, 0.3446, 0.4327



7.1012, 0.3263, 0.3485



20.0301, 0.4406, 0.4883



0.3295, 0.4300, 0.4968

Inverse Universe

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



14.0647, 0.2443, 0.2261



20.2340, 0.2272, 0.1993



14.1845, 0.2691, 0.2204



6.1354, 0.2988, 0.3087



2.2768, 0.1529, 0.0705



0.0603, 0.1652, 0.1146

Previews

White Background



This preview shows how the Yxy color 28.9565, 0.3739, 0.4143 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 28.9565, 0.3739, 0.4143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

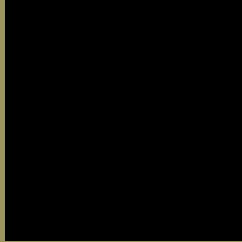
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

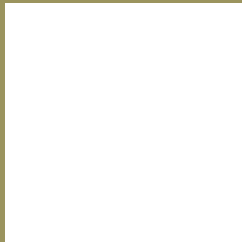
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.9565, 0.3739, 0.4143

Background



This preview shows how black text looks on a background with the Yxy color 28.9565, 0.3739, 0.4143.



This preview shows how white text looks on a background with the Yxy color 28.9565, 0.3739, 0.4143.

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

28.9565, 0.3739, 0.4143

Protanopia

29.1313, 0.3811, 0.4126

Deuteranopia

28.8308, 0.4010, 0.3933



Tritanopia

28.8938, 0.3232, 0.3124

Trichromacy



Original Color

28.9565, 0.3739, 0.4143

Protanomaly

28.9269, 0.3788, 0.4134

Deuteranomaly

28.7960, 0.3908, 0.4014

Tritanomaly

28.9561, 0.3422, 0.3493

Monochromacy



Original Color

28.9565, 0.3739, 0.4143

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0531, 0.3349, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9565, 0.3739, 0.4143 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(155, 148, 94)` looks like.

```
.text, #text, p{  
    color:rgb(155, 148, 94)  
}
```

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(155, 148, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 148, 94) }
```

Border

The CSS property to change the border of an element to Yxy 28.9565, 0.3739, 0.4143 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(155, 148, 94) }
```

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

```
.border{ border-color:rgb(155, 148, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 148, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 148, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 148, 94);  
box-shadow:4px 4px 4px 4px rgb(155, 148,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9565, 0.3739, 0.4143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 148, 94) }
```

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

```
.background{ background-color: rgb(155,  
148, 94) }
```

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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