

Converting Colors

$Y_{xy}(29.2454, 0.3577, 0.3935)$

Have a look what the booklet for
Yxy(29.2454, 0.3577, 0.3935)
contains.

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Color

Yxy(29.3499, 0.3574, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	99956C
RGB	153, 149, 108
RGB Percent	60%, 58%, 42%
CMY	0.4001, 0.4157, 0.5764
CMYK	0.00, 0.03, 0.29, 0.40
HSL	55°, 18%, 51%
HSV	55°, 29%, 60%
XYZ	26.5897, 29.3499, 18.4581
YIQ	145.5220, 15.5450, -11.9030

Conversions

Conversions Part 2

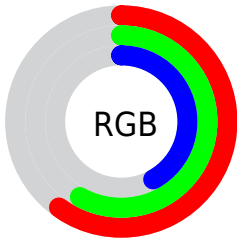
Format	Color
R_{YB}	112, 153, 108
Decimal	10065260
CIE _{Lab}	61.09, -5.27, 22.22
CIE _{LCh}	61, 22.840, 103.342
Yxy	29.3499, 0.3574, 0.3945
Android (android.graphics.Color)	4288255340 (0xFF99956C)
YUV	145.5220, -18.4983, 6.5582
Hunter-Lab	54.1755, -7.1981, 17.7223

Details

The Yxy color $29.3499, 0.3574, 0.3945$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.0779, 0.2635, 0.2538$, and the grayscale version is $28.6116, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6598, 0.3485, 0.3806$, and $11.8283, 0.3717, 0.4168$ is the 20% darker color. If you saturate the color by 10%, you get $28.6278, 0.3730, 0.4165$, and if you desaturate by 10%, it is $30.1367, 0.3418, 0.3719$.

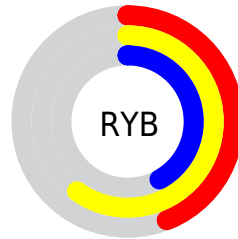
Distribution



Red (60%)

Green (58%)

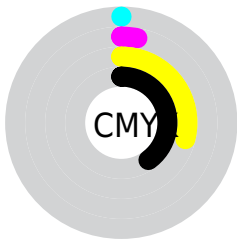
Blue (42%)



Red (44%)

Yellow (60%)

Blue (42%)

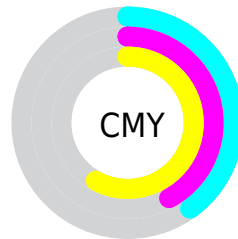


Cyan (0%)

Magenta (3%)

Yellow (29%)

Black (40%)



Cyan (40%)


Magenta (42%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3499, 0.3574, 0.3945 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 29.3499, 0.3574, 0.3945 by changing the saturation by 10% instead.


 29.3499, 0.3574,
0.3945


 29.3499, 0.3574,
0.3945


298.8623, 0.3338,
0.3590

 19.3457, 0.3636,
0.4043


 58.6325, 0.3485,
0.3809

 11.9203, 0.3717,
0.4174


 78.6798, 0.3453,
0.3760

 6.6894, 0.3826,
0.4356


 102.8434, 0.3426,
0.3720

 3.2686, 0.3976,
0.4625

 131.5079, 0.3403,
0.3686

 1.2735, 0.4528,
0.5472

165.0577, 0.3383,
0.3656

 0.1206, 0.0000,
1.0000

203.8771, 0.3366,

 0.0000, 0.0000,

0.3631

0.0000

248.3505, 0.3351,
0.3609

■ 29.3499, 0.3574,
0.3945

■ 29.3499, 0.3574,
0.3945

■ 28.6278, 0.3730,
0.4165

■ 30.1367, 0.3418,
0.3719

■ 27.9636, 0.3879,
0.4371

■ 30.9872, 0.3265,
0.3495

■ 27.3552, 0.4016,
0.4554

■ 31.9052, 0.3118,
0.3277

■ 26.7990, 0.4136,
0.4705

■ 32.8931, 0.2981,
0.3070

■ 26.2910, 0.4232,
0.4817

■ 33.9534, 0.2854,
0.2876

■ 25.8264, 0.4302,
0.4887

■ 35.0882, 0.2737,
0.2696

■ 25.3942, 0.4352,
0.4922

■ 36.2996, 0.2630,
0.2531

■ 25.3680, 0.4355,
0.4924

■ 37.5897, 0.2534,
0.2380

■ 38.9603, 0.2447,
0.2243

Harmonies

Analogous

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



29.3499, 0.3814, 0.3784



29.3499, 0.3574, 0.3945



29.3499, 0.3222, 0.3919

Triad

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



29.3499, 0.3574, 0.3945



29.3499, 0.2443, 0.2997



29.3499, 0.3376, 0.2934

Complementary

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



29.3499, 0.3574, 0.3945



17.0779, 0.2635, 0.2538

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.



29.3499, 0.2997, 0.2746



29.3499, 0.3574, 0.3945



29.3499, 0.2477, 0.2766

Square

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



29.3499, 0.3574, 0.3945



29.3499, 0.2578, 0.3338



29.3499, 0.2673, 0.2683



29.3499, 0.3701, 0.3207

Rectangle

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



29.3499, 0.3574, 0.3945



29.3499, 0.2975, 0.3785



29.3499, 0.2673, 0.2683



29.3499, 0.3250, 0.2859

Sweetspot

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



29.3512, 0.3574, 0.3945



55.5413, 0.3261, 0.3490



18.6829, 0.3693, 0.3216



12.2171, 0.3282, 0.3520



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.3512, 0.3574, 0.3945



51.7479, 0.3673, 0.4085



29.0111, 0.3363, 0.4050



7.1295, 0.3262, 0.3491



20.9960, 0.4353, 0.4925



0.3376, 0.4274, 0.4988

Inverse Universe

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



17.0779, 0.2635, 0.2538



26.2596, 0.2512, 0.2346



17.4664, 0.2831, 0.2508



6.1098, 0.2988, 0.3081



2.1736, 0.1521, 0.0676



0.0529, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 29.3499, 0.3574, 0.3945 looks on a white background.

Color Contrast Check

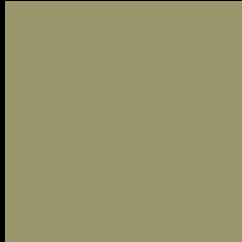
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3499, 0.3574, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

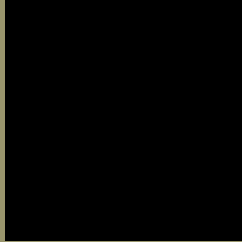
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3499, 0.3574, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 29.3499, 0.3574, 0.3945.



This preview shows how white text looks on a background with the Yxy color 29.3499, 0.3574, 0.3945.

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

29.3499, 0.3574, 0.3945

Protanopia

29.1981, 0.3649, 0.3919

Deuteranopia

29.1742, 0.3831, 0.3751



Tritanopia

29.3489, 0.3188, 0.3124

Trichromacy



Original Color

29.3499, 0.3574, 0.3945

Protanomaly

29.3093, 0.3622, 0.3939

Deuteranomaly

29.1576, 0.3734, 0.3826

Tritanomaly

29.2250, 0.3336, 0.3415

Monochromacy



Original Color

29.3499, 0.3574, 0.3945

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.9229, 0.3296, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3499, 0.3574, 0.3945 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(153, 149, 108)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 108)  
}
```

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(153, 149, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.3499, 0.3574, 0.3945 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(153, 149, 108) }
```

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

```
.border{ border-color:rgb(153, 149, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 149, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 108);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
108) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 29.3499, 0.3574, 0.3945$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 108) }
```

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

```
.background{ background-color: rgb(153,  
149, 108) }
```

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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