

Converting Colors

$Y_{xy}(29.2278, 0.3858, 0.3999)$

Have a look what the booklet for
Yxy(29.2278, 0.3858, 0.3999)
contains.

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Color

Yxy(29.3481, 0.3854, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	A79162
RGB	167, 145, 98
RGB Percent	65%, 57%, 38%
CMY	0.3450, 0.4314, 0.6156
CMYK	0.00, 0.13, 0.41, 0.35
HSL	41°, 28%, 52%
HSV	41°, 41%, 65%
XYZ	28.2698, 29.3481, 15.7340
YIQ	146.2200, 28.1990, -9.9530

Conversions

Conversions Part 2

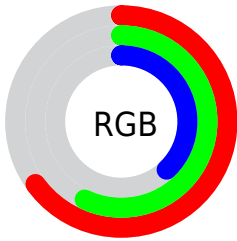
Format	Color
R_{YB}	130, 167, 98
Decimal	10981730
CIE _{Lab}	61.09, 1.48, 27.96
CIE _{LCh}	61, 27.997, 86.962
Yxy	29.3481, 0.3854, 0.4001
Android (android.graphics.Color)	4289171810 (0xFFA79162)
YUV	146.2200, -23.7725, 18.2241
Hunter-Lab	54.1739, -1.6568, 20.7018

Details

The Yxy color **29.3481, 0.3854, 0.4001** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.8307, 0.2440, 0.2452**, and the grayscale version is **28.9322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7047, 0.3708, 0.3868**, and **11.9921, 0.4099, 0.4235** is the 20% darker color. If you saturate the color by 10%, you get **27.4751, 0.4057, 0.4164**, and if you desaturate by 10%, it is **31.3661, 0.3658, 0.3827**.

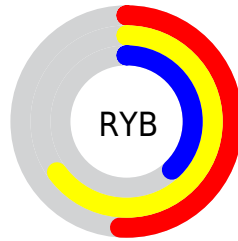
Distribution



Red (65%)

Green (57%)

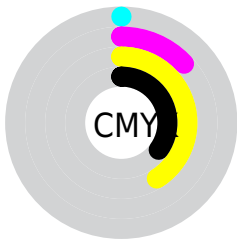
Blue (38%)



Red (51%)

Yellow (65%)

Blue (38%)

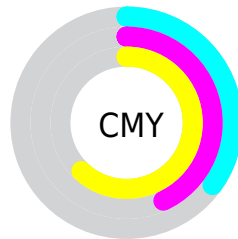


Cyan (0%)

Magenta (13%)

Yellow (41%)

Black (35%)



Cyan (35%)


Magenta (43%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3481, 0.3854, 0.4001 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 29.3481, 0.3854, 0.4001 by changing the saturation by 10% instead.


 29.3481, 0.3854,
0.4001


 29.3481, 0.3854,
0.4001


298.8539, 0.3468,
0.3626


 19.3443, 0.3956,
0.4098


 58.6297, 0.3709,
0.3861


 11.9193, 0.4088,
0.4224


 78.6763, 0.3656,
0.3810

 6.6888, 0.4264,
0.4389


 102.8393, 0.3611,
0.3766

 3.2682, 0.4531,
0.4636

 131.5030, 0.3574,
0.3730

 1.2733, 0.4968,
0.5032

165.0520, 0.3542,
0.3698

 0.1204, 0.5558,
0.4442

203.8705, 0.3514,

 0.0000, 0.0000,

0.3671

0.0000

248.3430, 0.3489,
0.3647

■ 29.3481, 0.3854,
0.4001

■ 29.3481, 0.3854,
0.4001

■ 27.4751, 0.4057,
0.4164

■ 31.3661, 0.3658,
0.3827

■ 25.7379, 0.4259,
0.4307

■ 33.5298, 0.3473,
0.3651

■ 24.1322, 0.4453,
0.4418

■ 35.8450, 0.3302,
0.3478

■ 22.6516, 0.4629,
0.4489

■ 38.3160, 0.3146,
0.3311

■ 21.2888, 0.4777,
0.4512

■ 40.9468, 0.3006,
0.3154

■ 20.1878, 0.4888,
0.4501

■ 43.7412, 0.2880,
0.3008

■ 46.7030, 0.2767,
0.2873

■ 49.8355, 0.2667,
0.2748

■ 53.1423, 0.2578,
0.2634

Harmonies

Analogous

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



29.3481, 0.4035, 0.3710



29.3481, 0.3854, 0.4001



29.3481, 0.3481, 0.4117

Triad

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



29.3481, 0.3854, 0.4001



29.3481, 0.2362, 0.3141



29.3481, 0.3174, 0.2721

Complementary

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



29.3481, 0.3854, 0.4001



18.8307, 0.2440, 0.2452

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.



29.3481, 0.2736, 0.2572



29.3481, 0.3854, 0.4001



29.3481, 0.2293, 0.2779

Square

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



29.3481, 0.3854, 0.4001



29.3481, 0.2624, 0.3593



29.3481, 0.2424, 0.2585



29.3481, 0.3630, 0.2997

Rectangle

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



29.3481, 0.3854, 0.4001



29.3481, 0.3181, 0.4050



29.3481, 0.2424, 0.2585



29.3481, 0.3019, 0.2655

Sweetspot

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



29.3495, 0.3854, 0.4001



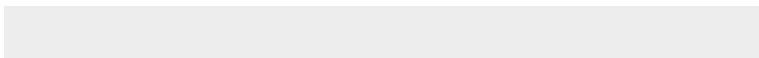
63.7946, 0.3317, 0.3493



18.3370, 0.3803, 0.2935



14.1586, 0.3338, 0.3514



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.



29.3495, 0.3854, 0.4001



49.3265, 0.4048, 0.4158



35.5463, 0.3613, 0.4332



8.3640, 0.3270, 0.3443



15.5354, 0.4880, 0.4507



0.4641, 0.4605, 0.4725

Inverse Universe

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



18.8307, 0.2440, 0.2452



27.8422, 0.2270, 0.2215



14.8135, 0.2494, 0.2086



7.6769, 0.2986, 0.3132



4.1842, 0.1632, 0.1073



0.1933, 0.1821, 0.1755

Previews

White Background



This preview shows how the Yxy color 29.3481, 0.3854, 0.4001 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 29.3481, 0.3854, 0.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

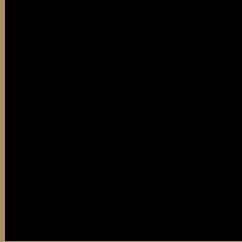
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3481, 0.3854, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 29.3481, 0.3854, 0.4001.



This preview shows how white text looks on a background with the Yxy color 29.3481, 0.3854, 0.4001.

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

29.3481, 0.3854, 0.4001

Protanopia

29.2419, 0.3752, 0.4037

Deuteranopia

29.2977, 0.3983, 0.3902



Tritanopia

29.4058, 0.3387, 0.3144

Trichromacy



Original Color

29.3481, 0.3854, 0.4001

Protanomaly

29.2452, 0.3792, 0.4013

Deuteranomaly

29.1311, 0.3931, 0.3927

Tritanomaly

29.2075, 0.3566, 0.3456

Monochromacy



Original Color

29.3481, 0.3854, 0.4001

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.0128, 0.3383, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3481, 0.3854, 0.4001 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(167, 145, 98)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 98)  
}
```

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(167, 145, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 98) }
```

Border

The CSS property to change the border of an element to Yxy 29.3481, 0.3854, 0.4001 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(167, 145, 98) }
```

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

```
.border{ border-color:rgb(167, 145, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 145, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 98);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3481, 0.3854, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 98) }
```

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

```
.background{ background-color: rgb(167,  
145, 98) }
```

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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