

Converting Colors

$Y_{xy}(28.0556, 0.4064, 0.3859)$

Have a look what the booklet for
Yxy(28.0556, 0.4064, 0.3859)
contains.

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Color

Yxy(28.0551, 0.4061, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	B38861
RGB	179, 136, 97
RGB Percent	70%, 53%, 38%
CMY	0.2980, 0.4667, 0.6196
CMYK	0.00, 0.24, 0.46, 0.30
HSL	29°, 35%, 54%
HSV	29°, 46%, 70%
XYZ	29.5543, 28.0551, 15.1665
YIQ	144.4110, 38.1470, -3.0130

Conversions

Conversions Part 2

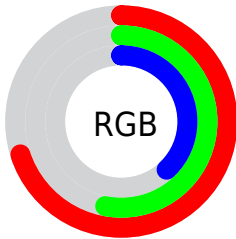
Format	Color
R_{YB}	179, 171, 97
Decimal	11765857
CIE _{Lab}	59.94, 11.42, 27.25
CIE _{LCh}	60, 29.549, 67.271
Yxy	28.0551, 0.4061, 0.3855
Android (android.graphics.Color)	4289955937 (0xFFB38861)
YUV	144.4110, -23.3736, 30.3346
Hunter-Lab	52.9671, 6.9061, 20.1000

Details

The Yxy color **28.0551, 0.4061, 0.3855** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.5564, 0.2408, 0.2634**, and the grayscale version is **28.1500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3662, 0.3867, 0.3749**, and **11.1710, 0.4376, 0.4002** is the 20% darker color. If you saturate the color by 10%, you get **25.2296, 0.4331, 0.3966**, and if you desaturate by 10%, it is **31.1903, 0.3812, 0.3731**.

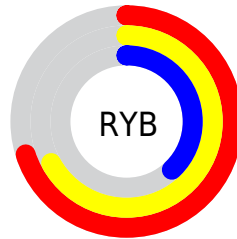
Distribution



Red (70%)

Green (53%)

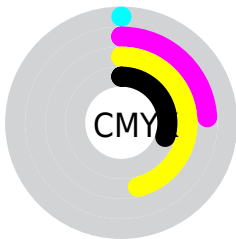
Blue (38%)



Red (70%)

Yellow (67%)

Blue (38%)

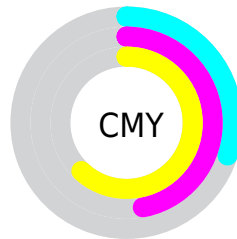


Cyan (0%)

Magenta (24%)

Yellow (46%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0551, 0.4061, 0.3855 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 28.0551, 0.4061, 0.3855 by changing the saturation by 10% instead.


 28.0551, 0.4061,
0.3855


 28.0551, 0.4061,
0.3855


292.7301, 0.3556,
0.3568


 18.3672, 0.4198,
0.3924


 56.5724, 0.3869,
0.3751


 11.2139, 0.4378,
0.4010


 76.1706, 0.3799,
0.3712

 6.2109, 0.4624,
0.4112


 99.8410, 0.3741,
0.3678

 2.9738, 0.5019,
0.4266

 127.9680, 0.3693,
0.3650

 1.1180, 0.5599,
0.4401

160.9360, 0.3651,
0.3625

 0.0000, 1.0000,
0.0000

199.1295, 0.3615,

 0.0000, 0.0000,

0.3603

0.0000

242.9327, 0.3583,
0.3584

■ 28.0551, 0.4061,
0.3855

■ 28.0551, 0.4061,
0.3855

■ 25.2296, 0.4331,
0.3966

■ 31.1903, 0.3812,
0.3731

■ 22.6987, 0.4613,
0.4054

■ 34.6416, 0.3589,
0.3604

■ 20.4519, 0.4895,
0.4106

■ 38.4200, 0.3391,
0.3478

■ 18.4760, 0.5158,
0.4111

■ 42.5349, 0.3217,
0.3357

■ 16.7558, 0.5385,
0.4062

■ 46.9951, 0.3067,
0.3243

■ 16.1021, 0.5475,
0.4035

■ 51.8092, 0.2935,
0.3138

■ 56.9852, 0.2822,
0.3041

■ 62.5312, 0.2723,
0.2952

■ 68.2526, 0.2653,
0.2903

Harmonies

Analogous

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



28.0551, 0.4077, 0.3483



28.0551, 0.4061, 0.3855



28.0551, 0.3783, 0.4120

Triad

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



28.0551, 0.4061, 0.3855



28.0551, 0.2472, 0.3446



28.0551, 0.2857, 0.2563

Complementary

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



28.0551, 0.4061, 0.3855



24.5564, 0.2408, 0.2634

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.



28.0551, 0.2471, 0.2513



28.0551, 0.4061, 0.3855



28.0551, 0.2263, 0.2977

Square

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



28.0551, 0.4061, 0.3855



28.0551, 0.2860, 0.3906



28.0551, 0.2264, 0.2649



28.0551, 0.3349, 0.2772

Rectangle

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



28.0551, 0.4061, 0.3855



28.0551, 0.3498, 0.4178



28.0551, 0.2264, 0.2649



28.0551, 0.2712, 0.2527

Sweetspot

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



28.0564, 0.4061, 0.3855



69.9207, 0.3362, 0.3458



20.0499, 0.3677, 0.2666



15.1549, 0.3401, 0.3485



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



28.0564, 0.4061, 0.3855



45.1236, 0.4334, 0.3967



41.6081, 0.3810, 0.4363



9.1496, 0.3276, 0.3399



11.5055, 0.5457, 0.4049



0.4791, 0.5016, 0.4399

Inverse Universe

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



24.5564, 0.2408, 0.2634



38.0589, 0.2257, 0.2457



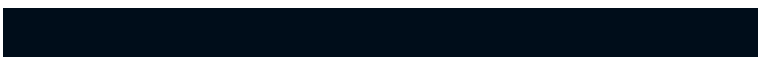
14.8600, 0.2284, 0.1929



8.9431, 0.2985, 0.3179



8.0729, 0.1801, 0.1684



0.3699, 0.1937, 0.2173

Previews

White Background



This preview shows how the Yxy color 28.0551, 0.4061, 0.3855 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 28.0551, 0.4061, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

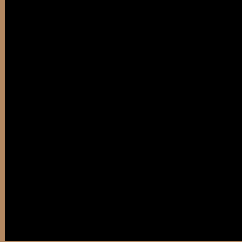
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0551, 0.4061, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 28.0551, 0.4061, 0.3855.



This preview shows how white text looks on a background with the Yxy color 28.0551, 0.4061, 0.3855.

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

28.0551, 0.4061, 0.3855

Protanopia

28.2583, 0.3697, 0.3990

Deuteranopia

27.9243, 0.3977, 0.3900



Tritanopia

27.9260, 0.3636, 0.3149

Trichromacy



Original Color

28.0551, 0.4061, 0.3855

Protanomaly

28.1586, 0.3816, 0.3939

Deuteranomaly

27.8683, 0.4007, 0.3880

Tritanomaly

27.9028, 0.3807, 0.3407

Monochromacy



Original Color

28.0551, 0.4061, 0.3855

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.7502, 0.3450, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0551, 0.4061, 0.3855 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(179, 136, 97)` looks like.

```
.text, #text, p{  
    color:rgb(179, 136, 97)  
}
```

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(179, 136, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 136, 97) }
```

Border

The CSS property to change the border of an element to Yxy 28.0551, 0.4061, 0.3855 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(179, 136, 97) }
```

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

```
.border{ border-color:rgb(179, 136, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 136, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 136, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 136, 97);  
box-shadow:4px 4px 4px 4px rgb(179, 136,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0551, 0.4061, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 136, 97) }
```

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

```
.background{ background-color: rgb(179,  
136, 97) }
```

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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