

Converting Colors

$Y_{xy}(28.0682, 0.4032, 0.4044)$

Have a look what the booklet for
Yxy(28.0682, 0.4032, 0.4044)
contains.

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Color

Yxy(28.1354, 0.4024, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	AB8C59
RGB	171, 140, 89
RGB Percent	67%, 55%, 35%
CMY	0.3294, 0.4510, 0.6509
CMYK	0.00, 0.18, 0.48, 0.33
HSL	37°, 33%, 51%
HSV	37°, 48%, 67%
XYZ	27.9755, 28.1354, 13.4107
YIQ	143.4550, 34.8470, -9.2890

Conversions

Conversions Part 2

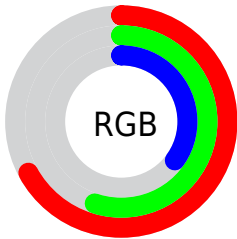
Format	Color
RYB	139, 171, 89
Decimal	11242585
CIELab	60.01, 4.96, 31.54
CIElCh	60, 31.933, 81.060
Yxy	28.1354, 0.4024, 0.4047
Android (android.graphics.Color)	4289432665 (0xFFAB8C59)
YUV	143.4550, -26.8463, 24.1570
Hunter-Lab	53.0428, 1.3184, 22.1398

Details

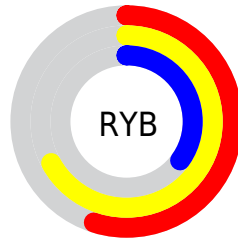
The Yxy color **28.1354, 0.4024, 0.4047** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.4989, 0.2337, 0.2377**, and the grayscale version is **27.7598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5274, 0.3845, 0.3896**, and **11.2614, 0.4316, 0.4260** is the 20% darker color. If you saturate the color by 10%, you get **26.0480, 0.4246, 0.4186**, and if you desaturate by 10%, it is **30.4032, 0.3808, 0.3892**.

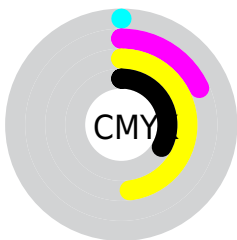
Distribution



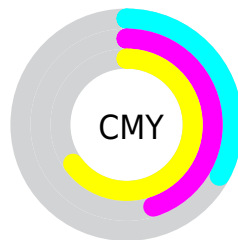
- Red (67%)
- Green (55%)
- Blue (35%)



- Red (55%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (18%)
- Yellow (48%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1354, 0.4024, 0.4047 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 28.1354, 0.4024, 0.4047 by changing the saturation by 10% instead.


 28.1354, 0.4024,
0.4047

 28.1354, 0.4024,
0.4047


293.1133, 0.3545,
0.3653


 18.4278, 0.4150,
0.4145


 56.7005, 0.3844,
0.3902


 11.2575, 0.4312,
0.4269


 76.3268, 0.3778,
0.3848


 6.2403, 0.4526,
0.4422

 100.0281, 0.3723,
0.3803

 2.9918, 0.4942,
0.4731

 128.1888, 0.3676,
0.3764

 1.1274, 0.5198,
0.4802

 161.1933, 0.3636,
0.3730

 0.0012, 0.9903,
0.0097

199.4259, 0.3602,

 0.0000, 0.0000,

0.3701

0.0000

243.2711, 0.3572,
0.3676

■ 28.1354, 0.4024,
0.4047

■ 28.1354, 0.4024,
0.4047

■ 26.0480, 0.4246,
0.4186

■ 30.4032, 0.3808,
0.3892

■ 24.1304, 0.4467,
0.4299

■ 32.8535, 0.3606,
0.3729

■ 22.3767, 0.4676,
0.4373

■ 35.4932, 0.3419,
0.3567

■ 20.7787, 0.4861,
0.4399

■ 38.3277, 0.3249,
0.3410

■ 19.3242, 0.5017,
0.4379

■ 41.3622, 0.3097,
0.3260

■ 19.0390, 0.5049,
0.4373

■ 44.6015, 0.2962,
0.3120

■ 48.0502, 0.2841,
0.2990

■ 51.7127, 0.2735,
0.2870

■ 55.5935, 0.2641,
0.2760

Harmonies

Analogous

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



28.1354, 0.4183, 0.3682



28.1354, 0.4024, 0.4047



28.1354, 0.3625, 0.4244

Triad

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



28.1354, 0.4024, 0.4047



28.1354, 0.2292, 0.3211



28.1354, 0.3071, 0.2595

Complementary

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



28.1354, 0.4024, 0.4047



18.4989, 0.2337, 0.2377

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.



28.1354, 0.2591, 0.2459



28.1354, 0.4024, 0.4047



28.1354, 0.2173, 0.2763

Square

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



28.1354, 0.4024, 0.4047



28.1354, 0.2626, 0.3744



28.1354, 0.2277, 0.2508



28.1354, 0.3609, 0.2882

Rectangle

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



28.1354, 0.4024, 0.4047



28.1354, 0.3286, 0.4217



28.1354, 0.2277, 0.2508



28.1354, 0.2898, 0.2531

Sweetspot

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



28.1367, 0.4024, 0.4047



65.4055, 0.3354, 0.3508



17.1716, 0.3904, 0.2818



14.3515, 0.3391, 0.3542



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



28.1367, 0.4024, 0.4047



46.2672, 0.4271, 0.4200



37.4671, 0.3723, 0.4478



8.8137, 0.3272, 0.3431



14.4574, 0.5039, 0.4381



0.5031, 0.4723, 0.4632

Inverse Universe

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



18.4989, 0.2337, 0.2377



26.8938, 0.2153, 0.2118



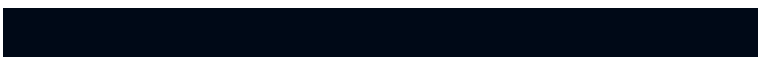
12.7167, 0.2326, 0.1846



8.2348, 0.2986, 0.3145



5.1301, 0.1674, 0.1227



0.2500, 0.1851, 0.1864

Previews

White Background



This preview shows how the Yxy color 28.1354, 0.4024, 0.4047 looks on a white background.

Color Contrast Check

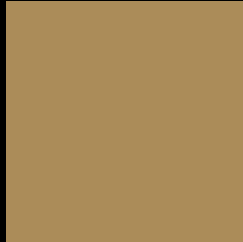
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1354, 0.4024, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

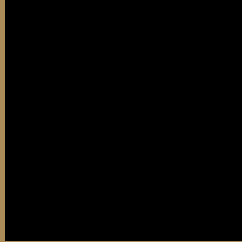
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.1354, 0.4024, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 28.1354, 0.4024, 0.4047.



This preview shows how white text looks on a background with the Yxy color 28.1354, 0.4024, 0.4047.

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

28.1354, 0.4024, 0.4047

Protanopia

28.2752, 0.3820, 0.4136

Deuteranopia

28.0122, 0.4085, 0.4005



Tritanopia

28.0188, 0.3501, 0.3131

Trichromacy



Original Color

28.1354, 0.4024, 0.4047

Protanomaly

28.1696, 0.3900, 0.4104

Deuteranomaly

28.1852, 0.4066, 0.4023

Tritanomaly

28.0622, 0.3697, 0.3470

Monochromacy



Original Color

28.1354, 0.4024, 0.4047

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.5484, 0.3445, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1354, 0.4024, 0.4047 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(171, 140, 89)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 89)  
}
```

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(171, 140, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 89) }
```

Border

The CSS property to change the border of an element to Yxy 28.1354, 0.4024, 0.4047 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(171, 140, 89) }
```

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

```
.border{ border-color:rgb(171, 140, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 140, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 89);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1354, 0.4024, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 89) }
```

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

```
.background{ background-color: rgb(171,  
140, 89) }
```

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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