

Converting Colors

$Y_{xy}(27.4865, 0.4012, 0.4283)$

Have a look what the booklet for
Yxy(27.4865, 0.4012, 0.4283)
contains.

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Color

Yxy(27.4589, 0.4009, 0.4281)

Conversions

Conversions Part 1

Format	Color
Hex	A18E4D
RGB	161, 142, 77
RGB Percent	63%, 56%, 30%
CMY	0.3685, 0.4432, 0.6980
CMYK	0.00, 0.12, 0.52, 0.37
HSL	46°, 35%, 47%
HSV	46°, 52%, 63%
XYZ	25.7143, 27.4589, 10.9682
YIQ	140.2710, 32.1890, -16.1870

Conversions

Conversions Part 2

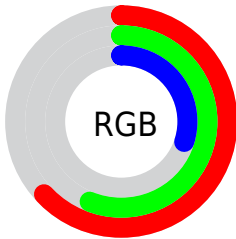
Format	Color
R_{YB}	102, 161, 77
Decimal	10587725
CIE Lab	59.40, -1.60, 36.94
CIE LCh	59, 36.971, 92.487
Yxy	27.4589, 0.4009, 0.4281
Android (android.graphics.Color)	4288777805 (0xFFA18E4D)
YUV	140.2710, -31.1926, 18.1793
Hunter-Lab	52.4012, -4.1089, 24.2708

Details

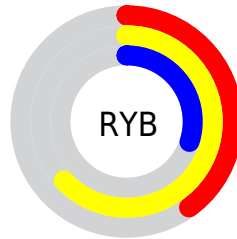
The Yxy color **27.4589, 0.4009, 0.4281** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.5255, 0.2220, 0.2032**, and the grayscale version is **26.4528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3404, 0.3833, 0.4077**, and **10.8688, 0.4265, 0.4584** is the 20% darker color. If you saturate the color by 10%, you get **26.1926, 0.4181, 0.4437**, and if you desaturate by 10%, it is **28.8196, 0.3830, 0.4102**.

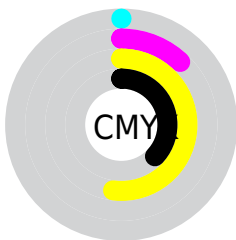
Distribution



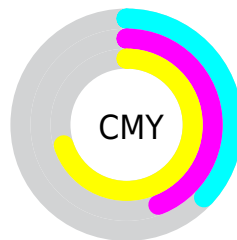
- Red (63%)
- Green (56%)
- Blue (30%)



- Red (40%)
- Yellow (63%)
- Blue (30%)



- Cyan (0%)
- Magenta (12%)
- Yellow (52%)
- Black (37%)





- Cyan (37%)
- Magenta (44%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.4589, 0.4009, 0.4281 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 27.4589, 0.4009, 0.4281 by changing the saturation by 10% instead.


 27.4589, 0.4009,
0.4281

 27.4589, 0.4009,
0.4281


289.8722, 0.3546,
0.3756


 17.9182, 0.4124,
0.4414

 55.6194, 0.3839,
0.4087

 10.8913, 0.4268,
0.4582


 75.0079, 0.3775,
0.4014


 5.9938, 0.4442,
0.4790

 98.4479, 0.3722,
0.3954

 2.8413, 0.4794,
0.5206

 126.3236, 0.3676,
0.3902

 1.0494, 0.4762,
0.5238

 159.0195, 0.3637,
0.3858

 0.0000, 0.0000,
0.0000

196.9200, 0.3602,

0.3819

240.4094, 0.3573,
0.3786

■ 27.4589, 0.4009,
0.4281

■ 27.4589, 0.4009,
0.4281

■ 26.1926, 0.4181,
0.4437

■ 28.8196, 0.3830,
0.4102

■ 25.0123, 0.4339,
0.4561

■ 30.2749, 0.3651,
0.3910

■ 23.9141, 0.4474,
0.4643

■ 31.8300, 0.3477,
0.3713

■ 22.8918, 0.4583,
0.4680

■ 33.4884, 0.3312,
0.3518

■ 22.1338, 0.4654,
0.4687

■ 35.2533, 0.3159,
0.3330

■ 37.1279, 0.3018,
0.3151

■ 39.1152, 0.2889,
0.2983

■ 41.2180, 0.2773,
0.2828

■ 43.4390, 0.2669,
0.2685

Harmonies

Analogous

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



27.4589, 0.4323, 0.3901



27.4589, 0.4009, 0.4281



27.4589, 0.3473, 0.4415

Triad

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



27.4589, 0.4009, 0.4281



27.4589, 0.2084, 0.2967



27.4589, 0.3298, 0.2601

Complementary

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



27.4589, 0.4009, 0.4281



12.5255, 0.2220, 0.2032

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.



27.4589, 0.2697, 0.2375



27.4589, 0.4009, 0.4281



27.4589, 0.2048, 0.2534

Square

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



27.4589, 0.4009, 0.4281



27.4589, 0.2371, 0.3582



27.4589, 0.2259, 0.2342



27.4589, 0.3905, 0.2975

Rectangle

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



27.4589, 0.4009, 0.4281



27.4589, 0.3070, 0.4290



27.4589, 0.2259, 0.2342



27.4589, 0.3087, 0.2506

Sweetspot

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



27.4602, 0.4009, 0.4281



58.7078, 0.3379, 0.3598



13.7450, 0.4231, 0.2983



12.7511, 0.3411, 0.3636



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



27.4602, 0.4009, 0.4281



46.4572, 0.4214, 0.4465



31.4900, 0.3630, 0.4633



7.9639, 0.3267, 0.3463



17.7351, 0.4649, 0.4690



0.4361, 0.4456, 0.4844

Inverse Universe

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



12.5255, 0.2220, 0.2032



16.7592, 0.2005, 0.1689



10.5598, 0.2386, 0.1764



7.1082, 0.2987, 0.3111



3.1384, 0.1575, 0.0870



0.1309, 0.1754, 0.1512

Previews

White Background



This preview shows how the Yxy color 27.4589, 0.4009, 0.4281 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 27.4589, 0.4009, 0.4281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

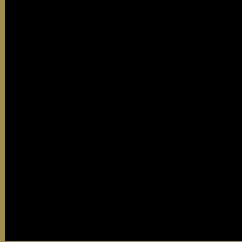
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.4589, 0.4009, 0.4281

Background



This preview shows how black text looks on a background with the Yxy color 27.4589, 0.4009, 0.4281.



This preview shows how white text looks on a background with the Yxy color 27.4589, 0.4009, 0.4281.

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

27.4589, 0.4009, 0.4281

Protanopia

27.4498, 0.3966, 0.4309

Deuteranopia

27.2723, 0.4212, 0.4124



Tritanopia

27.3100, 0.3384, 0.3125

Trichromacy



Original Color

27.4589, 0.4009, 0.4281

Protanomaly

27.5517, 0.3978, 0.4304

Deuteranomaly

27.2731, 0.4137, 0.4173

Tritanomaly

27.2467, 0.3633, 0.3554

Monochromacy



Original Color

27.4589, 0.4009, 0.4281

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6300, 0.3454, 0.3687

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.4589, 0.4009, 0.4281 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(161, 142, 77)` looks like.

```
.text, #text, p{  
    color:rgb(161, 142, 77)  
}
```

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(161, 142, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 142, 77) }
```

Border

The CSS property to change the border of an element to Yxy 27.4589, 0.4009, 0.4281 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(161, 142, 77) }
```

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

```
.border{ border-color:rgb(161, 142, 77) }
```

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

Here you see how a box with a 4 pixel rgb(161, 142, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 142, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 142, 77);  
box-shadow:4px 4px 4px 4px rgb(161, 142,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 27.4589, 0.4009, 0.4281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 142, 77) }
```

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

```
.background{ background-color: rgb(161,  
142, 77) }
```

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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