

Converting Colors

$Y_{xy}(27.0574, 0.4174, 0.4475)$

Have a look what the booklet for
Yxy(27.0574, 0.4174, 0.4475)
contains.

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Color

Yxy(27.0574, 0.4174, 0.4475)

Conversions

Conversions Part 1

Format	Color
Hex	A28D3C
RGB	162, 141, 60
RGB Percent	64%, 55%, 24%
CMY	0.3648, 0.4470, 0.7647
CMYK	0.00, 0.13, 0.63, 0.36
HSL	48°, 46%, 44%
HSV	48°, 63%, 64%
XYZ	25.2374, 27.0574, 8.1686
YIQ	138.0450, 38.5170, -20.7390

Conversions

Conversions Part 2

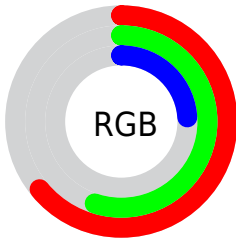
Format	Color
R _Y B	86, 162, 60
Decimal	10652988
CIE Lab	59.03, -2.02, 45.01
CIE LCh	59, 45.052, 92.575
Yxy	27.0574, 0.4174, 0.4475
Android (android.graphics.Color)	4288843068 (0xFFA28D3C)
YUV	138.0450, -38.4762, 21.0085
Hunter-Lab	52.0167, -4.4247, 27.1009

Details

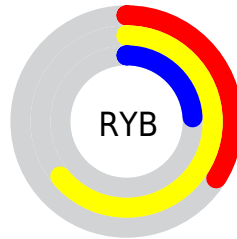
The Yxy color $27.0574, 0.4174, 0.4475$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $9.4499, 0.2016, 0.1682$, and the grayscale version is $25.5726, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7913, 0.3980, 0.4245$, and $10.6189, 0.4444, 0.4799$ is the 20% darker color. If you saturate the color by 10%, you get $25.9453, 0.4323, 0.4598$, and if you desaturate by 10%, it is $28.2541, 0.4009, 0.4318$.

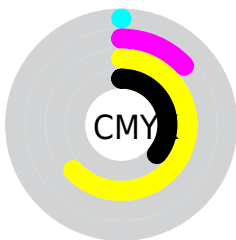
Distribution



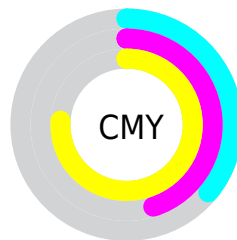
- Red (64%)
- Green (55%)
- Blue (24%)



- Red (34%)
- Yellow (64%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (63%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0574, 0.4174, 0.4475 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 27.0574, 0.4174, 0.4475 by changing the saturation by 10% instead.


 27.0574, 0.4174,
0.4475


 27.0574, 0.4174,
0.4475


287.9349, 0.3636,
0.3858


 17.6163, 0.4299,
0.4622


 54.9760, 0.3982,
0.4252


 10.6749, 0.4444,
0.4797


 74.2223, 0.3908,
0.4167


 5.8487, 0.4649,
0.5047

 97.5057, 0.3845,
0.4095

 2.7533, 0.4772,
0.5228

 125.2108, 0.3791,
0.4034

 1.0043, 0.4731,
0.5269

 157.7219, 0.3744,
0.3981

 0.0000, 0.0000,
0.0000

 195.4233, 0.3703,

0.3934

238.6995, 0.3668,
0.3894

■ 27.0574, 0.4174,
0.4475

■ 27.0574, 0.4174,
0.4475

■ 25.9453, 0.4323,
0.4598

■ 28.2541, 0.4009,
0.4318

■ 24.9086, 0.4449,
0.4681

■ 29.5360, 0.3835,
0.4137

■ 23.9425, 0.4547,
0.4717

■ 30.9087, 0.3660,
0.3941

■ 23.2938, 0.4605,
0.4725

■ 32.3759, 0.3488,
0.3740

■ 33.9410, 0.3324,
0.3540

■ 35.6074, 0.3170,
0.3346

■ 37.3783, 0.3028,
0.3161

■ 39.2564, 0.2898,
0.2988

■ 41.2447, 0.2781,
0.2827

Harmonies

Analogous

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



27.0574, 0.4574, 0.3993



27.0574, 0.4174, 0.4475



27.0574, 0.3521, 0.4681

Triad

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



27.0574, 0.4174, 0.4475



27.0574, 0.1880, 0.2876



27.0574, 0.3330, 0.2469

Complementary

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



27.0574, 0.4174, 0.4475



9.4499, 0.2016, 0.1682

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.



27.0574, 0.2602, 0.2204



27.0574, 0.4174, 0.4475



27.0574, 0.1845, 0.2369

Square

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



27.0574, 0.4174, 0.4475



27.0574, 0.2207, 0.3640



27.0574, 0.2089, 0.2158



27.0574, 0.4080, 0.2904

Rectangle

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



27.0574, 0.4174, 0.4475



27.0574, 0.3036, 0.4541



27.0574, 0.2089, 0.2158



27.0574, 0.3072, 0.2359

Sweetspot

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



27.0587, 0.4174, 0.4475



59.7947, 0.3428, 0.3668



11.5225, 0.4645, 0.2967



13.2581, 0.3474, 0.3723



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



27.0587, 0.4174, 0.4475



46.2539, 0.4383, 0.4641



31.1522, 0.3681, 0.4896



7.9888, 0.3266, 0.3467



18.4197, 0.4601, 0.4729



0.4461, 0.4429, 0.4865

Inverse Universe

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



9.4499, 0.2016, 0.1682



11.7544, 0.1786, 0.1284



7.9596, 0.2216, 0.1440



7.0850, 0.2987, 0.3106



2.9778, 0.1565, 0.0832



0.1229, 0.1734, 0.1441

Previews

White Background



This preview shows how the Yxy color 27.0574, 0.4174, 0.4475 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 27.0574, 0.4174, 0.4475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

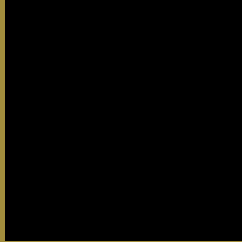
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0574, 0.4174, 0.4475

Background



This preview shows how black text looks on a background with the Yxy color 27.0574, 0.4174, 0.4475.



This preview shows how white text looks on a background with the Yxy color 27.0574, 0.4174, 0.4475.

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

27.0574, 0.4174, 0.4475

Protanopia

26.9413, 0.4118, 0.4512

Deuteranopia

26.9059, 0.4380, 0.4295



Tritanopia

26.9207, 0.3434, 0.3126

Trichromacy



Original Color

27.0574, 0.4174, 0.4475

Protanomaly

27.0432, 0.4130, 0.4506

Deuteranomaly

26.8862, 0.4310, 0.4360

Tritanomaly

26.6272, 0.3733, 0.3632

Monochromacy



Original Color

27.0574, 0.4174, 0.4475

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.7941, 0.3524, 0.3775

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0574, 0.4174, 0.4475 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(162, 141, 60)` looks like.

```
.text, #text, p{  
    color:rgb(162, 141, 60)  
}
```

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(162, 141, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 141, 60) }
```

Border

The CSS property to change the border of an element to Yxy 27.0574, 0.4174, 0.4475 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(162, 141, 60) }
```

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

```
.border{ border-color:rgb(162, 141, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 141, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 141, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 141, 60);  
box-shadow:4px 4px 4px 4px rgb(162, 141,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0574, 0.4174, 0.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 141, 60) }
```

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

```
.background{ background-color: rgb(162,  
141, 60) }
```

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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