

Converting Colors

$Y_{xy}(27.2031, 0.4416, 0.4428)$

Have a look what the booklet for
Yxy(27.2031, 0.4416, 0.4428)
contains.

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Color

Yxy(27.1379, 0.4414, 0.4433)

Conversions

Conversions Part 1

Format	Color
Hex	AE8934
RGB	174, 137, 52
RGB Percent	68%, 54%, 20%
CMY	0.3176, 0.4627, 0.7962
CMYK	0.00, 0.21, 0.70, 0.32
HSL	42°, 54%, 44%
HSV	42°, 70%, 68%
XYZ	27.0216, 27.1379, 7.0584
YIQ	138.3730, 49.3370, -18.5910

Conversions

Conversions Part 2

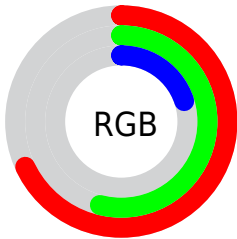
Format	Color
R _Y B	105, 174, 52
Decimal	11438388
CIE Lab	59.10, 5.06, 49.14
CIE LCh	59, 49.403, 84.125
Yxy	27.1379, 0.4414, 0.4433
Android (android.graphics.Color)	4289628468 (0xFFAE8934)
YUV	138.3730, -42.5819, 31.2449
Hunter-Lab	52.0940, 1.4247, 28.4324

Details

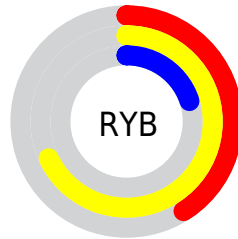
The Yxy color **27.1379, 0.4414, 0.4433** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **10.9251, 0.1941, 0.1680**, and the grayscale version is **25.7172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1298, 0.4183, 0.4234**, and **10.8310, 0.4703, 0.4648** is the 20% darker color. If you saturate the color by 10%, you get **25.5468, 0.4585, 0.4511**, and if you desaturate by 10%, it is **28.8628, 0.4224, 0.4315**.

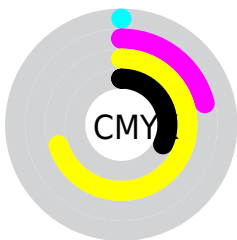
Distribution



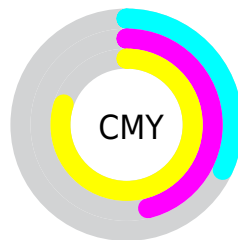
- Red (68%)
- Green (54%)
- Blue (20%)



- Red (41%)
- Yellow (68%)
- Blue (20%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (32%)





- Cyan (32%)
- Magenta (46%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1379, 0.4414, 0.4433 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 27.1379, 0.4414, 0.4433 by changing the saturation by 10% instead.


 27.1379, 0.4414,
0.4433


 27.1379, 0.4414,
0.4433


288.3242, 0.3752,
0.3865


 17.6768, 0.4566,
0.4553


 55.1051, 0.4178,
0.4237

 10.7182, 0.4742,
0.4684


 74.3800, 0.4087,
0.4159

 5.8777, 0.5035,
0.4905

 97.6949, 0.4010,
0.4092

 2.7708, 0.5120,
0.4880

 125.4343, 0.3943,
0.4034

 1.0133, 0.5215,
0.4785

 157.9825, 0.3886,
0.3984

 0.0000, 1.0000,
0.0000

 195.7240, 0.3836,

 0.0000, 0.0000,

0.3939

0.0000

239.0431, 0.3791,
0.3900

■ 27.1379, 0.4414,
0.4433

■ 27.1379, 0.4414,
0.4433

■ 25.5468, 0.4585,
0.4511

■ 28.8628, 0.4224,
0.4315

■ 24.0777, 0.4730,
0.4541

■ 30.7242, 0.4026,
0.4166

■ 22.7342, 0.4849,
0.4532

■ 32.7295, 0.3827,
0.3998

■ 34.8842, 0.3634,
0.3820

■ 37.1933, 0.3452,
0.3639

■ 39.6616, 0.3283,
0.3462

■ 42.2936, 0.3129,
0.3292

■ 45.0935, 0.2990,
0.3132

■ 48.0655, 0.2865,
0.2983

Harmonies

Analogous

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



27.1379, 0.4749, 0.3864



27.1379, 0.4414, 0.4433



27.1379, 0.3758, 0.4796

Triad

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



27.1379, 0.4414, 0.4433



27.1379, 0.1843, 0.3042



27.1379, 0.3105, 0.2302

Complementary

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



27.1379, 0.4414, 0.4433



10.9251, 0.1941, 0.1680

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.



27.1379, 0.2370, 0.2080



27.1379, 0.4414, 0.4433



27.1379, 0.1725, 0.2403

Square

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



27.1379, 0.4414, 0.4433



27.1379, 0.2278, 0.3927



27.1379, 0.1903, 0.2099



27.1379, 0.3953, 0.2722

Rectangle

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



27.1379, 0.4414, 0.4433



27.1379, 0.3238, 0.4772



27.1379, 0.1903, 0.2099



27.1379, 0.2836, 0.2204

Sweetspot

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



27.1392, 0.4414, 0.4433



66.9262, 0.3474, 0.3661



12.2010, 0.4689, 0.2783



14.6195, 0.3522, 0.3710



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



27.1392, 0.4414, 0.4433



44.8827, 0.4667, 0.4533



37.1624, 0.3833, 0.4974



8.9140, 0.3270, 0.3447



16.5958, 0.4840, 0.4539



0.5519, 0.4603, 0.4727

Inverse Universe

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



10.9251, 0.1941, 0.1680



13.9499, 0.1741, 0.1305



6.9786, 0.1970, 0.1173



8.1385, 0.2986, 0.3128



4.1408, 0.1620, 0.1031



0.2127, 0.1795, 0.1663

Previews

White Background



This preview shows how the Yxy color 27.1379, 0.4414, 0.4433 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 27.1379, 0.4414, 0.4433 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 27.1379, 0.4414, 0.4433

Background



This preview shows how black text looks on a background with the Yxy color 27.1379, 0.4414, 0.4433.



This preview shows how white text looks on a background with the Yxy color 27.1379, 0.4414, 0.4433.

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

27.1379, 0.4414, 0.4433

Protanopia

27.2822, 0.4165, 0.4584

Deuteranopia

27.0409, 0.4481, 0.4383



Tritanopia

26.9766, 0.3632, 0.3147

Trichromacy



Original Color

27.1379, 0.4414, 0.4433

Protanomaly

27.1993, 0.4250, 0.4537

Deuteranomaly

27.2034, 0.4458, 0.4401

Tritanomaly

26.7591, 0.3967, 0.3644

Monochromacy



Original Color

27.1379, 0.4414, 0.4433

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.8178, 0.3608, 0.3801

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1379, 0.4414, 0.4433 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(174, 137, 52)` looks like.

```
.text, #text, p{  
    color:rgb(174, 137, 52)  
}
```

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(174, 137, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 137, 52) }
```

Border

The CSS property to change the border of an element to Yxy 27.1379, 0.4414, 0.4433 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(174, 137, 52) }
```

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

```
.border{ border-color:rgb(174, 137, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 137, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 137, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 137, 52);  
box-shadow:4px 4px 4px 4px rgb(174, 137,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1379, 0.4414, 0.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 137, 52) }
```

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

```
.background{ background-color: rgb(174,  
137, 52) }
```

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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