

Converting Colors

$Y_{xy}(27.6421, 0.4184, 0.4544)$

Have a look what the booklet for
Yxy(27.6421, 0.4184, 0.4544)
contains.

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Color

Yxy(27.6118, 0.4185, 0.4543)

Conversions

Conversions Part 1

Format	Color
Hex	A28F38
RGB	162, 143, 56
RGB Percent	64%, 56%, 22%
CMY	0.3647, 0.4392, 0.7804
CMYK	0.00, 0.12, 0.65, 0.36
HSL	49°, 49%, 43%
HSV	49°, 65%, 64%
XYZ	25.4359, 27.6118, 7.7311
YIQ	138.7630, 39.2510, -23.0290

Conversions

Conversions Part 2

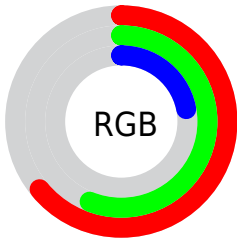
Format	Color
RYB	79, 162, 56
Decimal	10653496
CIELab	59.54, -3.38, 47.42
CIElCh	60, 47.538, 94.074
Yxy	27.6118, 0.4185, 0.4543
Android (android.graphics.Color)	4288843576 (0xFFA28F38)
YUV	138.7630, -40.8022, 20.3788
Hunter-Lab	52.5469, -5.5522, 28.0597

Details

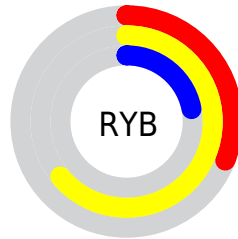
The Yxy color **27.6118, 0.4185, 0.4543** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.4812, 0.1961, 0.1559**, and the grayscale version is **25.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.6015, 0.3997, 0.4306**, and **10.9545, 0.4430, 0.4864** is the 20% darker color. If you saturate the color by 10%, you get **26.6192, 0.4319, 0.4660**, and if you desaturate by 10%, it is **28.6809, 0.4032, 0.4390**.

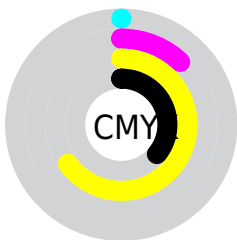
Distribution



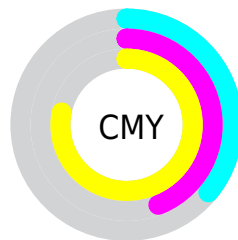
- Red (64%)
- Green (56%)
- Blue (22%)



- Red (31%)
- Yellow (64%)
- Blue (22%)



- Cyan (0%)
- Magenta (12%)
- Yellow (65%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.6118, 0.4185, 0.4543 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 27.6118, 0.4185, 0.4543 by changing the saturation by 10% instead.


 27.6118, 0.4185,
0.4543


 27.6118, 0.4185,
0.4543


290.6073, 0.3648,
0.3894

 18.0332, 0.4305,
0.4696


 55.8641, 0.3996,
0.4309


 10.9738, 0.4441,
0.4876


 75.3065, 0.3922,
0.4220

 6.0493, 0.4644,
0.5147

 98.8058, 0.3859,
0.4144

 2.8751, 0.4706,
0.5294

 126.7462, 0.3805,
0.4079

 1.0669, 0.4640,
0.5360

 159.5122, 0.3758,
0.4023

 0.0000, 0.0000,
0.0000

 197.4881, 0.3717,

0.3974

241.0583, 0.3681,
0.3932

■ 27.6118, 0.4185,
0.4543

■ 27.6118, 0.4185,
0.4543

■ 26.6192, 0.4319,
0.4660

■ 28.6809, 0.4032,
0.4390

■ 25.6937, 0.4429,
0.4735

■ 29.8272, 0.3866,
0.4210

■ 24.8300, 0.4512,
0.4766

■ 31.0561, 0.3696,
0.4012

■ 24.4480, 0.4545,
0.4773

■ 32.3714, 0.3526,
0.3806

■ 33.7766, 0.3362,
0.3599

■ 35.2750, 0.3207,
0.3396

■ 36.8696, 0.3062,
0.3203

■ 38.5633, 0.2929,
0.3021

■ 40.3590, 0.2808,
0.2851

Harmonies

Analogous

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



27.6118, 0.4625, 0.4041



27.6118, 0.4185, 0.4543



27.6118, 0.3495, 0.4749

Triad

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



27.6118, 0.4185, 0.4543



27.6118, 0.1820, 0.2818



27.6118, 0.3378, 0.2455

Complementary

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



27.6118, 0.4185, 0.4543



8.4812, 0.1961, 0.1559

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.



27.6118, 0.2611, 0.2170



27.6118, 0.4185, 0.4543



27.6118, 0.1800, 0.2309

Square

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



27.6118, 0.4185, 0.4543



27.6118, 0.2141, 0.3612



27.6118, 0.2066, 0.2108



27.6118, 0.4160, 0.2911

Rectangle

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



27.6118, 0.4185, 0.4543



27.6118, 0.2989, 0.4587



27.6118, 0.2066, 0.2108



27.6118, 0.3107, 0.2338

Sweetspot

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



27.6131, 0.4185, 0.4543



60.0388, 0.3443, 0.3701



11.0240, 0.4814, 0.3015



13.3323, 0.3487, 0.3756



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.



27.6131, 0.4185, 0.4543



47.4608, 0.4379, 0.4704



30.7472, 0.3655, 0.4973



8.0204, 0.3266, 0.3473



19.3188, 0.4542, 0.4776



0.4591, 0.4396, 0.4891

Inverse Universe

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



8.4812, 0.1961, 0.1559



10.2328, 0.1731, 0.1152



7.5897, 0.2214, 0.1387



7.0557, 0.2987, 0.3100



2.7958, 0.1552, 0.0788



0.1126, 0.1708, 0.1348

Previews

White Background



This preview shows how the Yxy color 27.6118, 0.4185, 0.4543 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 27.6118, 0.4185, 0.4543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

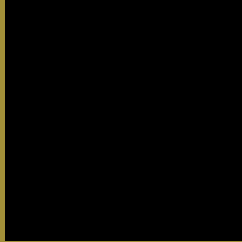
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6118, 0.4185, 0.4543

Background



This preview shows how black text looks on a background with the Yxy color 27.6118, 0.4185, 0.4543.



This preview shows how white text looks on a background with the Yxy color 27.6118, 0.4185, 0.4543.

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

27.6118, 0.4185, 0.4543

Protanopia

27.7056, 0.4152, 0.4568

Deuteranopia

27.3788, 0.4424, 0.4337



Tritanopia

27.4988, 0.3418, 0.3141

Trichromacy



Original Color

27.6118, 0.4185, 0.4543

Protanomaly

27.8091, 0.4164, 0.4561

Deuteranomaly

27.5313, 0.4333, 0.4421

Tritanomaly

27.1682, 0.3735, 0.3677

Monochromacy



Original Color

27.6118, 0.4185, 0.4543

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0633, 0.3531, 0.3807

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6118, 0.4185, 0.4543 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, 143, 56)` looks like.

```
.text, #text, p{  
    color:rgb(162, 143, 56)  
}
```

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, 143, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 143, 56) }
```

Border

The CSS property to change the border of an element to Yxy 27.6118, 0.4185, 0.4543 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, 143, 56) }
```

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

```
.border{ border-color:rgb(162, 143, 56) }
```

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

Here you see how a box with a 4 pixel rgb(162, 143, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 143, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 143, 56);  
box-shadow:4px 4px 4px 4px rgb(162, 143,  
56) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6118, 0.4185, 0.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 143, 56) }
```

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

```
.background{ background-color: rgb(162,  
143, 56) }
```

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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