

Converting Colors

$Y_{xy}(26.1758, 0.3854, 0.4495)$

Have a look what the booklet for
Yxy(26.1758, 0.3854, 0.4495)
contains.

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Color

Yxy(26.3180, 0.3854, 0.4492)

Conversions

Conversions Part 1

Format	Color
Hex	909046
RGB	144, 144, 70
RGB Percent	56%, 56%, 27%
CMY	0.4353, 0.4353, 0.7253
CMYK	0.00, 0.00, 0.51, 0.44
HSL	60°, 35%, 42%
HSV	60°, 51%, 56%
XYZ	22.5800, 26.3180, 9.6906
YIQ	135.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

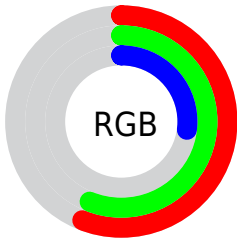
Format	Color
R_{YB}	70, 144, 70
Decimal	9474118
CIE _{Lab}	58.34, -10.75, 38.87
CIE _{LCh}	58, 40.333, 105.460
Yxy	26.3180, 0.3854, 0.4492
Android (android.graphics.Color)	4287664198 (0xFF909046)
YUV	135.5640, -32.3231, 7.3984
Hunter-Lab	51.3011, -11.2105, 24.7111

Details

The Yxy color $26.3180, 0.3854, 0.4492$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $7.7034, 0.2177, 0.1719$, and the grayscale version is $24.5668, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8863, 0.3720, 0.4253$, and $10.2837, 0.4028, 0.4900$ is the 20% darker color. If you saturate the color by 10%, you get $26.1582, 0.3967, 0.4678$, and if you desaturate by 10%, it is $26.5238, 0.3725, 0.4278$.

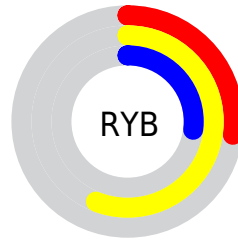
Distribution



Red (56%)

Green (56%)

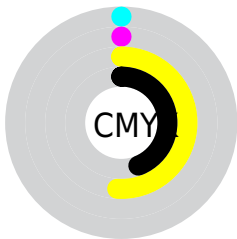
Blue (27%)



Red (27%)

Yellow (56%)

Blue (27%)

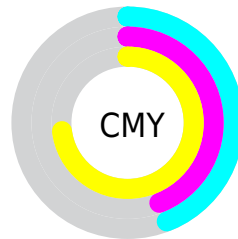


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (44%)



Cyan (44%)


Magenta (44%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3180, 0.3854, 0.4492 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 26.3180, 0.3854, 0.4492 by changing the saturation by 10% instead.


 26.3180, 0.3854,
0.4492


 26.3180, 0.3854,
0.4492


284.3396, 0.3482,
0.3836


 17.0617, 0.3940,
0.4667


 53.7875, 0.3721,
0.4243

 10.2785, 0.4040,
0.4893


 72.7695, 0.3670,
0.4152

 5.5840, 0.4153,
0.5198

 95.7622, 0.3627,
0.4077

 2.5938, 0.4312,
0.5688

 123.1499, 0.3589,
0.4013

 0.9236, 0.3997,
0.6003

 155.3172, 0.3557,
0.3959

 0.0000, 0.0000,
0.0000

192.6483, 0.3529,

0.3912

235.5276, 0.3504,
0.3871

■ 26.3180, 0.3854,
0.4492

■ 26.3180, 0.3854,
0.4492

■ 26.1582, 0.3967,
0.4678

■ 26.5238, 0.3725,
0.4278

■ 26.0377, 0.4058,
0.4830

■ 26.7749, 0.3584,
0.4046

■ 25.9541, 0.4126,
0.4942

■ 27.0750, 0.3438,
0.3804

■ 25.9031, 0.4169,
0.5013

■ 27.4267, 0.3291,
0.3560

■ 25.8752, 0.4193,
0.5053

■ 27.8321, 0.3146,
0.3322

■ 28.2935, 0.3008,
0.3093

■ 28.8127, 0.2878,
0.2878

■ 29.3918, 0.2757,
0.2678

■ 30.0325, 0.2646,
0.2494

Harmonies

Analogous

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



26.3180, 0.4330, 0.4150



26.3180, 0.3854, 0.4492



26.3180, 0.3212, 0.4480

Triad

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



26.3180, 0.3854, 0.4492



26.3180, 0.1937, 0.2689



26.3180, 0.3617, 0.2696

Complementary

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



26.3180, 0.3854, 0.4492



7.7034, 0.2177, 0.1719

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.



26.3180, 0.2921, 0.2375



26.3180, 0.3854, 0.4492



26.3180, 0.2016, 0.2336

Square

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



26.3180, 0.3854, 0.4492



26.3180, 0.2127, 0.3299



26.3180, 0.2353, 0.2242



26.3180, 0.4218, 0.3147

Rectangle

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



26.3180, 0.3854, 0.4492



26.3180, 0.2778, 0.4210



26.3180, 0.2353, 0.2242



26.3180, 0.3383, 0.2571

Sweetspot

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



26.3192, 0.3854, 0.4492



48.1147, 0.3349, 0.3656



10.7579, 0.4533, 0.3294



11.0069, 0.3376, 0.3702



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.3192, 0.3854, 0.4492



46.0875, 0.3986, 0.4710



23.5181, 0.3422, 0.4694



6.2854, 0.3259, 0.3508



22.5309, 0.4193, 0.5053



0.2154, 0.4193, 0.5053

Inverse Universe

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



7.7034, 0.2177, 0.1719



9.3552, 0.1938, 0.1324



9.5264, 0.2640, 0.1892



5.2550, 0.2990, 0.3063



1.7537, 0.1500, 0.0600



0.0168, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 26.3180, 0.3854, 0.4492 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 26.3180, 0.3854, 0.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

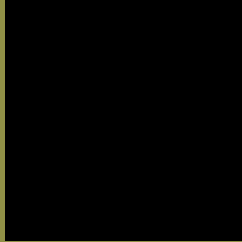
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3180, 0.3854, 0.4492

Background



This preview shows how black text looks on a background with the Yxy color 26.3180, 0.3854, 0.4492.



This preview shows how white text looks on a background with the Yxy color 26.3180, 0.3854, 0.4492.

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

26.3180, 0.3854, 0.4492

Protanopia

26.1544, 0.4026, 0.4393

Deuteranopia

26.3019, 0.4244, 0.4174



Tritanopia

26.3590, 0.3201, 0.3132

Trichromacy



Original Color

26.3180, 0.3854, 0.4492

Protanomaly

26.0587, 0.3970, 0.4428

Deuteranomaly

26.3262, 0.4099, 0.4290

Tritanomaly

26.1628, 0.3461, 0.3637

Monochromacy



Original Color

26.3180, 0.3854, 0.4492

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1241, 0.3408, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3180, 0.3854, 0.4492 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(144, 144, 70)` looks like.

```
.text, #text, p{  
    color:rgb(144, 144, 70)  
}
```

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(144, 144, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 144, 70) }
```

Border

The CSS property to change the border of an element to Yxy 26.3180, 0.3854, 0.4492 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(144, 144, 70) }
```

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

```
.border{ border-color:rgb(144, 144, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 144, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 144, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 144, 70);  
box-shadow:4px 4px 4px 4px rgb(144, 144,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3180, 0.3854, 0.4492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 144, 70) }
```

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

```
.background{ background-color: rgb(144,  
144, 70) }
```

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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