

Converting Colors

$Yxy(26.2881, 0.3049, 0.4949)$

Have a look what the booklet for
Yxy(26.2881, 0.3049, 0.4949)
contains.

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Color

$Y_{xy}(26.4040, 0.3050, 0.4944)$

Conversions

Conversions Part 1

Format	Color
Hex	4A9E4A
RGB	74, 158, 74
RGB Percent	29%, 62%, 29%
CMY	0.7096, 0.3804, 0.7099
CMYK	0.53, 0.00, 0.53, 0.38
HSL	120°, 36%, 45%
HSV	120°, 53%, 62%
XYZ	16.2889, 26.4040, 10.7133
YIQ	123.3080, -23.1000, -43.9320

Conversions

Conversions Part 2

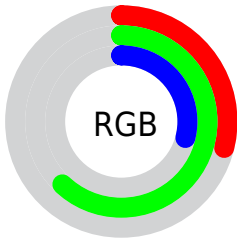
Format	Color
RYB	74, 158, 158
Decimal	4890186
CIELab	58.42, -43.04, 35.98
CIELCh	58, 56.096, 140.109
Yxy	26.4040, 0.3050, 0.4944
Android (android.graphics.Color)	4283080266 (0xFF4A9E4A)
YUV	123.3080, -24.3088, -43.2431
Hunter-Lab	51.3848, -33.3393, 23.6079

Details

The Yxy color **26.4040, 0.3050, 0.4944** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.6270, 0.3184, 0.2051**, and the grayscale version is **20.0054, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7363, 0.3094, 0.4549**, and **10.4041, 0.2919, 0.5646** is the 20% darker color. If you saturate the color by 10%, you get **25.6679, 0.3034, 0.5279**, and if you desaturate by 10%, it is **27.3531, 0.3066, 0.4593**.

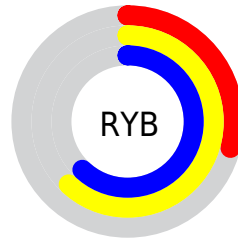
Distribution



Red (29%)

Green (62%)

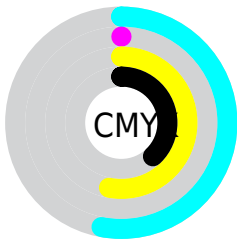
Blue (29%)



Red (29%)

Yellow (62%)

Blue (62%)

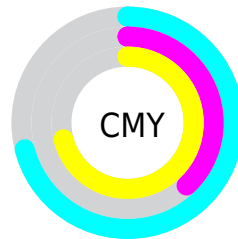


Cyan (53%)

Magenta (0%)

Yellow (53%)

Black (38%)



Cyan (71%)


Magenta (38%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4040, 0.3050, 0.4944 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 26.4040, 0.3050, 0.4944 by changing the saturation by 10% instead.


 26.4040, 0.3050,
0.4944


 26.4040, 0.3050,
0.4944


284.7597, 0.3135,
0.3980

 17.1261, 0.3002,
0.5236


 53.9260, 0.3097,
0.4557

 10.3245, 0.2919,
0.5641


 72.9389, 0.3110,
0.4423


 5.6146, 0.2759,
0.6231

 95.9656, 0.3118,
0.4314

 2.6122, 0.2537,
0.7463

 123.3904, 0.3124,
0.4224

 0.9328, 0.0000,
1.0000

 155.5979, 0.3128,
0.4149

 0.0000, 0.0000,
0.0000

192.9723, 0.3131,

0.4084

235.8981, 0.3133,
0.4029

■ 26.4040, 0.3050,
0.4944

■ 26.4040, 0.3050,
0.4944

■ 25.6679, 0.3034,
0.5279

■ 27.3531, 0.3066,
0.4593

■ 25.1254, 0.3021,
0.5570

■ 28.5263, 0.3083,
0.4247

■ 24.7592, 0.3010,
0.5794

■ 29.9378, 0.3098,
0.3922

■ 24.5474, 0.3003,
0.5935

■ 31.5999, 0.3111,
0.3628

■ 24.4541, 0.3000,
0.6000

■ 33.5237, 0.3124,
0.3366

■ 35.7200, 0.3134,
0.3138

■ 38.1987, 0.3143,
0.2940

■ 40.9695, 0.3151,
0.2770

■ 44.0412, 0.3158,
0.2624

Harmonies

Analogous

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



26.4040, 0.3922, 0.4970



26.4040, 0.3050, 0.4944



26.4040, 0.2245, 0.4166

Triad

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



26.4040, 0.3050, 0.4944



26.4040, 0.1716, 0.1978



26.4040, 0.4735, 0.3157

Complementary

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



26.4040, 0.3050, 0.4944



14.6270, 0.3184, 0.2051

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.



26.4040, 0.3942, 0.2575



26.4040, 0.3050, 0.4944



26.4040, 0.2183, 0.1927

Square

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



26.4040, 0.3050, 0.4944



26.4040, 0.1562, 0.2348



26.4040, 0.2968, 0.2140



26.4040, 0.4977, 0.3807

Rectangle

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



26.4040, 0.3050, 0.4944



26.4040, 0.1860, 0.3450



26.4040, 0.2968, 0.2140



26.4040, 0.4519, 0.2952

Sweetspot

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



26.4051, 0.3050, 0.4944



56.3887, 0.3107, 0.3717



31.7415, 0.3891, 0.4520



12.5799, 0.3105, 0.3773



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.



26.4051, 0.3050, 0.4944



46.3810, 0.3031, 0.5343



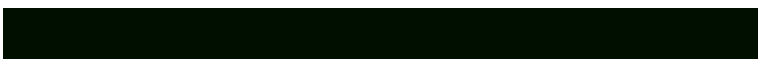
27.1370, 0.2761, 0.4134



7.4013, 0.3116, 0.3521



19.5856, 0.3000, 0.6000



0.3503, 0.3001, 0.5999

Inverse Universe

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



14.6270, 0.3184, 0.2051



22.6158, 0.3194, 0.1840



13.4580, 0.3823, 0.2601



6.7544, 0.3137, 0.3070



7.7900, 0.3207, 0.1541



0.1394, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 26.4040, 0.3050, 0.4944 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 26.4040, 0.3050, 0.4944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

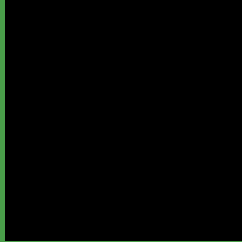
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4040, 0.3050, 0.4944

Background



This preview shows how black text looks on a background with the Yxy color 26.4040, 0.3050, 0.4944.



This preview shows how white text looks on a background with the Yxy color 26.4040, 0.3050, 0.4944.

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

26.4040, 0.3050, 0.4944

Protanopia

26.0435, 0.4023, 0.4412

Deuteranopia

25.9003, 0.4159, 0.4078



Tritanopia

26.3953, 0.2530, 0.3078

Trichromacy



Original Color

26.4040, 0.3050, 0.4944

Protanomaly

25.6696, 0.3612, 0.4637

Deuteranomaly

25.0470, 0.3690, 0.4393

Tritanomaly

26.0199, 0.2725, 0.3726

Monochromacy



Original Color

26.4040, 0.3050, 0.4944

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.6315, 0.3098, 0.3901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4040, 0.3050, 0.4944 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(74, 158, 74)` looks like.

```
.text, #text, p{  
    color:rgb(74, 158, 74)  
}
```

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(74, 158, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 158, 74) }
```

Border

The CSS property to change the border of an element to Yxy 26.4040, 0.3050, 0.4944 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(74, 158, 74) }
```

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

```
.border{ border-color:rgb(74, 158, 74) }
```

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

Here you see how a box with a 4 pixel rgb(74, 158, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 158, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 158, 74);  
box-shadow:4px 4px 4px 4px rgb(74, 158,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4040, 0.3050, 0.4944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 158, 74) }
```

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

```
.background{ background-color: rgb(74, 158,  
74) }
```

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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