

Converting Colors

$Yxy(26.4972, 0.2919, 0.4821)$

Have a look what the booklet for
Yxy(26.4972, 0.2919, 0.4821)
contains.

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Color

Yxy(26.5108, 0.2920, 0.4817)

Conversions

Conversions Part 1

Format	Color
Hex	409F53
RGB	64, 159, 83
RGB Percent	25%, 62%, 33%
CMY	0.7493, 0.3764, 0.6745
CMYK	0.60, 0.00, 0.48, 0.38
HSL	132°, 43%, 44%
HSV	132°, 60%, 62%
XYZ	16.0705, 26.5108, 12.4546
YIQ	121.9310, -32.2240, -43.7760

Conversions

Conversions Part 2

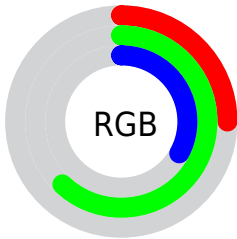
Format	Color
RYB	64, 143, 159
Decimal	4235091
CIELab	58.52, -44.72, 31.40
CIELCh	59, 54.640, 144.929
Yxy	26.5108, 0.2920, 0.4817
Android (android.graphics.Color)	4282425171 (0xFF409F53)
YUV	121.9310, -19.1930, -50.8055
Hunter-Lab	51.4886, -34.3922, 21.7003

Details

The Yxy color **26.5108, 0.2920, 0.4817** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.9222, 0.3479, 0.2155**, and the grayscale version is **19.5048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3871, 0.2991, 0.4458**, and **10.4294, 0.2842, 0.5431** is the 20% darker color. If you saturate the color by 10%, you get **25.8747, 0.2908, 0.5106**, and if you desaturate by 10%, it is **27.3371, 0.2942, 0.4521**.

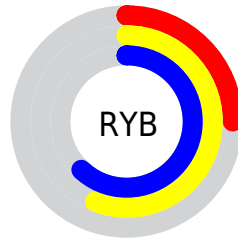
Distribution



Red (25%)

Green (62%)

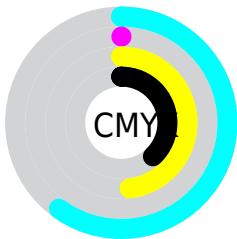
Blue (33%)



Red (25%)

Yellow (56%)

Blue (62%)

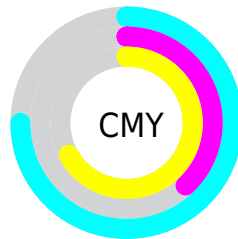


Cyan (60%)

Magenta (0%)

Yellow (48%)

Black (38%)



Cyan (75%)


Magenta (38%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5108, 0.2920, 0.4817 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 26.5108, 0.2920, 0.4817 by changing the saturation by 10% instead.


 26.5108, 0.2920,
0.4817


 26.5108, 0.2920,
0.4817


285.2806, 0.3069,
0.3925


 17.2062, 0.2860,
0.5091


 54.0979, 0.2989,
0.4457


 10.3816, 0.2763,
0.5476


 73.1491, 0.3010,
0.4333


 5.6527, 0.2593,
0.6048

 96.2179, 0.3026,
0.4233

 2.6351, 0.2428,
0.7466

 123.6888, 0.3038,
0.4150

 0.9443, 0.0000,
1.0000

 155.9461, 0.3048,
0.4080

 0.0000, 0.0000,
0.0000

193.3743, 0.3056,

0.4021

236.3576, 0.3063,
0.3970

■ 26.5108, 0.2920,
0.4817

■ 26.5108, 0.2920,
0.4817

■ 25.8747, 0.2908,
0.5106

■ 27.3371, 0.2942,
0.4521

■ 25.4101, 0.2908,
0.5373

■ 28.3637, 0.2973,
0.4232

■ 25.1003, 0.2921,
0.5601

■ 29.6042, 0.3009,
0.3960

■ 24.9069, 0.2939,
0.5780

■ 31.0697, 0.3048,
0.3710

■ 24.9034, 0.2940,
0.5783

■ 32.7709, 0.3088,
0.3485

■ 34.7174, 0.3128,
0.3286

■ 36.9187, 0.3167,
0.3111

■ 39.3835, 0.3204,
0.2959

■ 42.1201, 0.3239,
0.2826

Harmonies

Analogous

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



26.5108, 0.3777, 0.4968



26.5108, 0.2920, 0.4817



26.5108, 0.2165, 0.3976

Triad

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



26.5108, 0.2920, 0.4817



26.5108, 0.1799, 0.1980



26.5108, 0.4771, 0.3264

Complementary

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



26.5108, 0.2920, 0.4817



12.9222, 0.3479, 0.2155

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.



26.5108, 0.4068, 0.2676



26.5108, 0.2920, 0.4817



26.5108, 0.2309, 0.1974

Square

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



26.5108, 0.2920, 0.4817



26.5108, 0.1599, 0.2291



26.5108, 0.3121, 0.2221



26.5108, 0.4913, 0.3908

Rectangle

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



26.5108, 0.2920, 0.4817



26.5108, 0.1823, 0.3287



26.5108, 0.3121, 0.2221



26.5108, 0.4590, 0.3059

Sweetspot

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



26.5119, 0.2920, 0.4817



56.0516, 0.3054, 0.3676



30.7439, 0.3749, 0.4775



12.4599, 0.3043, 0.3741



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.



26.5119, 0.2920, 0.4817



46.0017, 0.2907, 0.5205



27.5120, 0.2590, 0.3837



7.4217, 0.3090, 0.3474



19.6719, 0.2936, 0.5770



0.3569, 0.2758, 0.5130

Inverse Universe

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



12.9222, 0.3479, 0.2155



19.3729, 0.3583, 0.1982



11.8114, 0.4362, 0.2850



6.7318, 0.3166, 0.3113



7.0401, 0.3779, 0.1855



0.1312, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 26.5108, 0.2920, 0.4817 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 26.5108, 0.2920, 0.4817 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 26.5108, 0.2920, 0.4817

Background



This preview shows how black text looks on a background with the Yxy color 26.5108, 0.2920, 0.4817.



This preview shows how white text looks on a background with the Yxy color 26.5108, 0.2920, 0.4817.

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

26.5108, 0.2920, 0.4817

Protanopia

26.1480, 0.3950, 0.4302

Deuteranopia

26.0963, 0.4032, 0.3974



Tritanopia

26.3526, 0.2471, 0.3076

Trichromacy



Original Color

26.5108, 0.2920, 0.4817



Protanomaly

25.4969, 0.3492, 0.4512



Deuteranomaly

25.0789, 0.3541, 0.4280



Tritanomaly

26.0537, 0.2633, 0.3671

Monochromacy



Original Color

26.5108, 0.2920, 0.4817



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

21.1774, 0.3026, 0.3829

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5108, 0.2920, 0.4817 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(64, 159, 83)` looks like.

```
.text, #text, p{  
    color:rgb(64, 159, 83)  
}
```

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(64, 159, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 159, 83) }
```

Border

The CSS property to change the border of an element to Yxy 26.5108, 0.2920, 0.4817 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(64, 159, 83) }
```

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

```
.border{ border-color:rgb(64, 159, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 159, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 159, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 159, 83);  
box-shadow:4px 4px 4px 4px rgb(64, 159,  
83) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5108, 0.2920, 0.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 159, 83) }
```

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

```
.background{ background-color: rgb(64, 159,  
83) }
```

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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