

Converting Colors

$Yxy(25.9640, 0.2833, 0.4669)$

Have a look what the booklet for
Yxy(25.9640, 0.2833, 0.4669)
contains.

Yxy(26.0914, 0.2835, 0.4677)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0914, 0.2835, 0.4677)

Conversions

Conversions Part 1

Format	Color
Hex	3A9E5A
RGB	58, 158, 90
RGB Percent	23%, 62%, 35%
CMY	0.7728, 0.3804, 0.6470
CMYK	0.63, 0.00, 0.43, 0.38
HSL	139°, 46%, 42%
HSV	139°, 63%, 62%
XYZ	15.8155, 26.0914, 13.8797
YIQ	120.3480, -37.7720, -42.3480

Conversions

Conversions Part 2

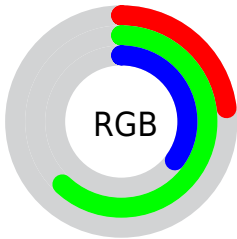
Format	Color
RYB	58, 134, 158
Decimal	3841626
CIELab	58.12, -44.49, 27.14
CIElCh	58, 52.114, 148.610
Yxy	26.0914, 0.2835, 0.4677
Android (android.graphics.Color)	4282031706 (0xFF3A9E5A)
YUV	120.3480, -14.9616, -54.6792
Hunter-Lab	51.0797, -34.1217, 19.6452

Details

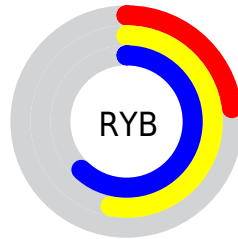
The Yxy color **26.0914, 0.2835, 0.4677** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.7951, 0.3716, 0.2262**, and the grayscale version is **18.9541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1564, 0.2914, 0.4343**, and **10.2776, 0.2779, 0.5205** is the 20% darker color. If you saturate the color by 10%, you get **25.5200, 0.2824, 0.4933**, and if you desaturate by 10%, it is **26.8366, 0.2861, 0.4420**.

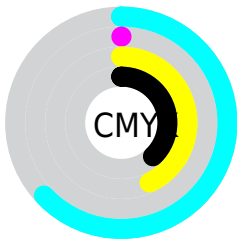
Distribution



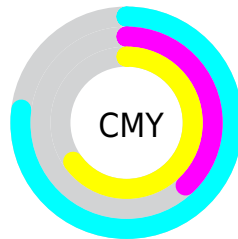
- Red (23%)
- Green (62%)
- Blue (35%)



- Red (23%)
- Yellow (53%)
- Blue (62%)



- Cyan (63%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)




- Cyan (77%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0914, 0.2835, 0.4677 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 26.0914, 0.2835, 0.4677 by changing the saturation by 10% instead.


 26.0914, 0.2835,
0.4677


 26.0914, 0.2835,
0.4677


283.2305, 0.3024,
0.3866


 16.8920, 0.2767,
0.4928


 53.4224, 0.2917,
0.4349


 10.1575, 0.2663,
0.5285


 72.3227, 0.2944,
0.4236

 5.5035, 0.2489,
0.5824

 95.2256, 0.2964,
0.4145

 2.5456, 0.2247,
0.6968

 122.5153, 0.2981,
0.4069

 0.8994, 0.0000,
1.0000

 154.5762, 0.2995,
0.4006

 0.0000, 0.0000,
0.0000

191.7928, 0.3006,

0.3952

234.5494, 0.3016,
0.3906

■ 26.0914, 0.2835,
0.4677

■ 26.0914, 0.2835,
0.4677

■ 25.5200, 0.2824,
0.4933

■ 26.8366, 0.2861,
0.4420

■ 25.1043, 0.2829,
0.5175

■ 27.7656, 0.2898,
0.4170

■ 24.8277, 0.2850,
0.5394

■ 28.8912, 0.2944,
0.3934

■ 24.6919, 0.2868,
0.5525

■ 30.2242, 0.2996,
0.3717

■ 31.7746, 0.3052,
0.3520

■ 33.5517, 0.3108,
0.3344

■ 35.5643, 0.3165,
0.3188

■ 37.8207, 0.3220,
0.3051

■ 40.3289, 0.3272,
0.2931

Harmonies

Analogous

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



26.0914, 0.3663, 0.4919



26.0914, 0.2835, 0.4677



26.0914, 0.2132, 0.3825

Triad

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



26.0914, 0.2835, 0.4677



26.0914, 0.1887, 0.2010



26.0914, 0.4753, 0.3347

Complementary

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



26.0914, 0.2835, 0.4677



11.7951, 0.3716, 0.2262

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.



26.0914, 0.4134, 0.2765



26.0914, 0.2835, 0.4677



26.0914, 0.2422, 0.2033

Square

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



26.0914, 0.2835, 0.4677



26.0914, 0.1657, 0.2275



26.0914, 0.3234, 0.2301



26.0914, 0.4826, 0.3975

Rectangle

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



26.0914, 0.2835, 0.4677



26.0914, 0.1826, 0.3179



26.0914, 0.3234, 0.2301



26.0914, 0.4601, 0.3145

Sweetspot

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



26.0925, 0.2835, 0.4677



55.9473, 0.3018, 0.3637



29.2210, 0.3646, 0.4923



12.4473, 0.3003, 0.3691



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.



26.0925, 0.2835, 0.4677



45.9932, 0.2824, 0.5036



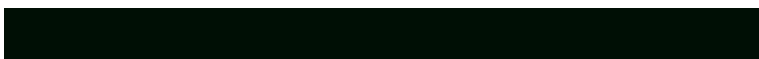
27.2374, 0.2495, 0.3638



7.4344, 0.3075, 0.3446



19.7804, 0.2864, 0.5510



0.3609, 0.2648, 0.4732

Inverse Universe

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



11.7951, 0.3716, 0.2262



17.8536, 0.3904, 0.2129



10.8164, 0.4724, 0.3019



6.7184, 0.3184, 0.3139



6.6853, 0.4199, 0.2087



0.1269, 0.3724, 0.1825

Previews

White Background



This preview shows how the Yxy color 26.0914, 0.2835, 0.4677 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 26.0914, 0.2835, 0.4677 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 26.0914, 0.2835, 0.4677

Background



This preview shows how black text looks on a background with the Yxy color 26.0914, 0.2835, 0.4677.



This preview shows how white text looks on a background with the Yxy color 26.0914, 0.2835, 0.4677.

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

26.0914, 0.2835, 0.4677

Protanopia

25.7652, 0.3866, 0.4195

Deuteranopia

25.7266, 0.3938, 0.3863



Tritanopia

26.1268, 0.2440, 0.3074

Trichromacy



Original Color

26.0914, 0.2835, 0.4677



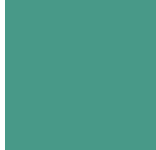
Protanomaly

25.0812, 0.3401, 0.4390



Deuteranomaly

24.6662, 0.3443, 0.4154



Tritanomaly

25.9378, 0.2579, 0.3614

Monochromacy



Original Color

26.0914, 0.2835, 0.4677



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

20.6957, 0.2974, 0.3796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0914, 0.2835, 0.4677 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(58, 158, 90)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 90)  
}
```

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(58, 158, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 90) }
```

Border

The CSS property to change the border of an element to Yxy 26.0914, 0.2835, 0.4677 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(58, 158, 90) }
```

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

```
.border{ border-color:rgb(58, 158, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 158, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 158, 90);  
box-shadow:4px 4px 4px 4px rgb(58, 158,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0914, 0.2835, 0.4677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 90) }
```

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

```
.background{ background-color: rgb(58, 158,  
90) }
```

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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