

Converting Colors

$Yxy(27.0621, 0.2923, 0.4908)$

Have a look what the booklet for
Yxy(27.0621, 0.2923, 0.4908)
contains.

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Color

Yxy(27.0610, 0.2923, 0.4908)

Conversions

Conversions Part 1

Format	Color
Hex	3DA150
RGB	61, 161, 80
RGB Percent	24%, 63%, 31%
CMY	0.7608, 0.3686, 0.6864
CMYK	0.62, 0.00, 0.50, 0.37
HSL	131°, 45%, 44%
HSV	131°, 62%, 63%
XYZ	16.1164, 27.0610, 11.9591
YIQ	121.8660, -33.5990, -46.3910

Conversions

Conversions Part 2

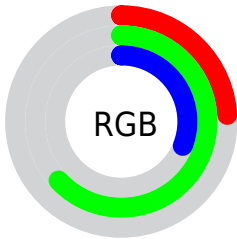
Format	Color
RYB	61, 145, 161
Decimal	4038992
CIELab	59.03, -46.66, 33.58
CIElCh	59, 57.492, 144.258
Yxy	27.0610, 0.2923, 0.4908
Android (android.graphics.Color)	4282229072 (0xFF3DA150)
YUV	121.8660, -20.6399, -53.3795
Hunter-Lab	52.0202, -35.7341, 22.7837

Details

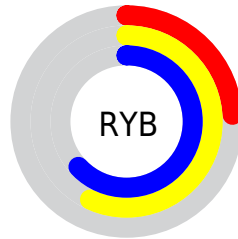
The Yxy color **27.0610, 0.2923, 0.4908** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **12.8681, 0.3479, 0.2107**, and the grayscale version is **19.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1863, 0.2996, 0.4527**, and **10.8294, 0.2867, 0.5522** is the 20% darker color. If you saturate the color by 10%, you get **26.4513, 0.2914, 0.5196**, and if you desaturate by 10%, it is **27.8638, 0.2943, 0.4609**.

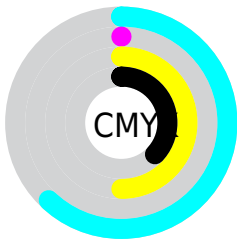
Distribution



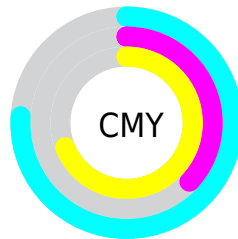
- Red (24%)
- Green (63%)
- Blue (31%)



- Red (24%)
- Yellow (57%)
- Blue (63%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (37%)





- Cyan (76%)
- Magenta (37%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0610, 0.2923, 0.4908 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 27.0610, 0.2923, 0.4908 by changing the saturation by 10% instead.


 27.0610, 0.2923,
0.4908


 27.0610, 0.2923,
0.4908


287.9524, 0.3074,
0.3964


 17.6190, 0.2860,
0.5196


 54.9817, 0.2994,
0.4528

 10.6768, 0.2758,
0.5598


 74.2293, 0.3016,
0.4397

 5.8500, 0.2578,
0.6190

 97.5142, 0.3032,
0.4291

 2.7541, 0.2387,
0.7613

 125.2208, 0.3044,
0.4203

 1.0047, 0.0000,
1.0000

 157.7335, 0.3054,
0.4129

 0.0000, 0.0000,
0.0000

195.4368, 0.3062,

0.4066

238.7149, 0.3069,
0.4012

■ 27.0610, 0.2923,
0.4908

■ 27.0610, 0.2923,
0.4908

■ 26.4513, 0.2914,
0.5196

■ 27.8638, 0.2943,
0.4609

■ 26.0148, 0.2917,
0.5455

■ 28.8707, 0.2971,
0.4313

■ 25.7336, 0.2931,
0.5670

■ 30.0959, 0.3005,
0.4032

■ 25.5879, 0.2945,
0.5803

■ 31.5514, 0.3042,
0.3773

■ 33.2482, 0.3080,
0.3539

■ 35.1967, 0.3119,
0.3331

■ 37.4066, 0.3157,
0.3148

■ 39.8872, 0.3193,
0.2988

■ 42.6472, 0.3226,
0.2849

Harmonies

Analogous

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



27.0610, 0.3812, 0.5035



27.0610, 0.2923, 0.4908



27.0610, 0.2137, 0.4032

Triad

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



27.0610, 0.2923, 0.4908



27.0610, 0.1743, 0.1935



27.0610, 0.4833, 0.3240

Complementary

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



27.0610, 0.2923, 0.4908



12.8681, 0.3479, 0.2107

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.



27.0610, 0.4088, 0.2639



27.0610, 0.2923, 0.4908



27.0610, 0.2260, 0.1925

Square

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



27.0610, 0.2923, 0.4908



27.0610, 0.1545, 0.2259



27.0610, 0.3096, 0.2174



27.0610, 0.4988, 0.3902

Rectangle

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



27.0610, 0.2923, 0.4908



27.0610, 0.1781, 0.3305



27.0610, 0.3096, 0.2174



27.0610, 0.4640, 0.3030

Sweetspot

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



27.0621, 0.2923, 0.4908



57.2970, 0.3052, 0.3706



31.6383, 0.3783, 0.4815



12.3962, 0.3042, 0.3771



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.



27.0621, 0.2923, 0.4908



46.9973, 0.2914, 0.5312



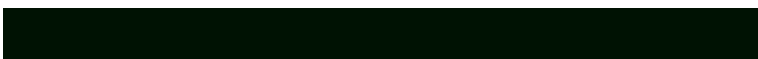
28.0771, 0.2589, 0.3897



7.9160, 0.3091, 0.3477



20.4398, 0.2942, 0.5791



0.4352, 0.2778, 0.5201

Inverse Universe

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



12.8681, 0.3479, 0.2107



19.3185, 0.3583, 0.1937



11.6989, 0.4406, 0.2812



7.1790, 0.3165, 0.3110



7.3538, 0.3745, 0.1837



0.1601, 0.3520, 0.1713

Previews

White Background



This preview shows how the Yxy color 27.0610, 0.2923, 0.4908 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 27.0610, 0.2923, 0.4908 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 27.0610, 0.2923, 0.4908

Background



This preview shows how black text looks on a background with the Yxy color 27.0610, 0.2923, 0.4908.



This preview shows how white text looks on a background with the Yxy color 27.0610, 0.2923, 0.4908.

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

27.0610, 0.2923, 0.4908

Protanopia

26.5987, 0.3994, 0.4347

Deuteranopia

26.6740, 0.4082, 0.4006



Tritanopia

27.0216, 0.2458, 0.3077

Trichromacy



Original Color

27.0610, 0.2923, 0.4908



Protanomaly

25.7666, 0.3512, 0.4575



Deuteranomaly

25.4119, 0.3576, 0.4341



Tritanomaly

26.6726, 0.2632, 0.3707

Monochromacy



Original Color

27.0610, 0.2923, 0.4908



Achromatopsia

19.4618, 0.3127, 0.3290



Achromatomaly

21.3792, 0.3025, 0.3870

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0610, 0.2923, 0.4908 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(61, 161, 80)` looks like.

```
.text, #text, p{  
    color:rgb(61, 161, 80)  
}
```

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(61, 161, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 161, 80) }
```

Border

The CSS property to change the border of an element to Yxy 27.0610, 0.2923, 0.4908 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(61, 161, 80) }
```

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

```
.border{ border-color:rgb(61, 161, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 161, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 161, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 161, 80);  
box-shadow:4px 4px 4px 4px rgb(61, 161,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0610, 0.2923, 0.4908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 161, 80) }
```

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

```
.background{ background-color: rgb(61, 161,  
80) }
```

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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