

Converting Colors

$Y_{xy}(27.8204, 0.2926, 0.4193)$

Have a look what the booklet for
Yxy(27.8204, 0.2926, 0.4193)
contains.

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Color

$\text{Yxy}(27.8548, 0.2929, 0.4194)$

Conversions

Conversions Part 1

Format	Color
Hex	5C9E6E
RGB	92, 158, 110
RGB Percent	36%, 62%, 43%
CMY	0.6393, 0.3804, 0.5686
CMYK	0.42, 0.00, 0.30, 0.38
HSL	136°, 26%, 49%
HSV	136°, 42%, 62%
XYZ	19.4532, 27.8548, 19.1078
YIQ	132.7940, -23.9280, -28.9200

Conversions

Conversions Part 2

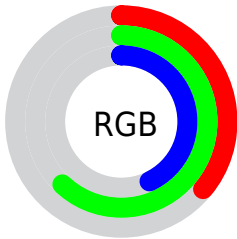
Format	Color
R_{YB}	92, 144, 158
Decimal	6069870
CIE _{Lab}	59.76, -31.88, 18.64
CIE _{LCh}	60, 36.931, 149.682
Yxy	27.8548, 0.2929, 0.4194
Android (android.graphics.Color)	4284259950 (0xFF5C9E6E)
YUV	132.7940, -11.2374, -35.7763
Hunter-Lab	52.7776, -26.5680, 15.4788

Details

The Yxy color **27.8548, 0.2929, 0.4194** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.8107, 0.3417, 0.2535**, and the grayscale version is **23.4231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2169, 0.2978, 0.3986**, and **11.1070, 0.2834, 0.4563** is the 20% darker color. If you saturate the color by 10%, you get **26.8915, 0.2894, 0.4459**, and if you desaturate by 10%, it is **29.0225, 0.2971, 0.3944**.

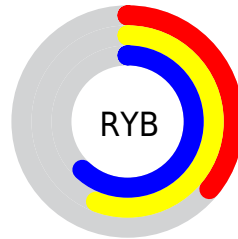
Distribution



Red (36%)

Green (62%)

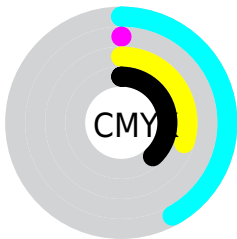
Blue (43%)



Red (36%)

Yellow (56%)

Blue (62%)

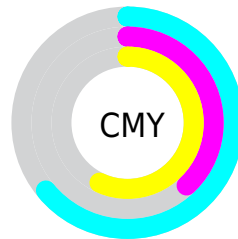


Cyan (42%)

Magenta (0%)

Yellow (30%)

Black (38%)



Cyan (64%)


Magenta (38%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8548, 0.2929, 0.4194 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 27.8548, 0.2929, 0.4194 by changing the saturation by 10% instead.


 27.8548, 0.2929,
0.4194


 27.8548, 0.2929,
0.4194


291.7724, 0.3049,
0.3679


 18.2162, 0.2889,
0.4348


 56.2525, 0.2979,
0.3989


 11.1053, 0.2831,
0.4565


 75.7805, 0.2996,
0.3918

 6.1377, 0.2739,
0.4890

 99.3737, 0.3009,
0.3860

 2.9290, 0.2572,
0.5423

 127.4166, 0.3020,
0.3811

 1.0948, 0.1850,
0.8150

160.2935, 0.3029,
0.3770

 0.0000, 0.0000,
0.0000

198.3889, 0.3037,

0.3735

242.0870, 0.3044,
0.3705

■ 27.8548, 0.2929,
0.4194

■ 27.8548, 0.2929,
0.4194

■ 26.8915, 0.2894,
0.4459

■ 29.0225, 0.2971,
0.3944

■ 26.1172, 0.2869,
0.4732

■ 30.4021, 0.3019,
0.3714

■ 25.5201, 0.2858,
0.5002


■ 32.0048, 0.3068,
0.3506

■ 25.0851, 0.2861,
0.5256

■ 33.8400, 0.3118,
0.3321

■ 24.7949, 0.2879,
0.5480

■ 35.9167, 0.3168,
0.3158

 24.6319, 0.2899,
0.5638

 38.2432, 0.3215,
0.3014

 40.8275, 0.3261,
0.2889

 43.6774, 0.3304,
0.2781

 46.8002, 0.3345,
0.2686

Harmonies

Analogous

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



27.8548, 0.3527, 0.4411



27.8548, 0.2929, 0.4194



27.8548, 0.2414, 0.3641

Triad

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



27.8548, 0.2929, 0.4194



27.8548, 0.2234, 0.2355



27.8548, 0.4266, 0.3388

Complementary

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



27.8548, 0.2929, 0.4194



16.8107, 0.3417, 0.2535

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.



27.8548, 0.3850, 0.2937



27.8548, 0.2929, 0.4194



27.8548, 0.2650, 0.2368

Square

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



27.8548, 0.2929, 0.4194



27.8548, 0.2047, 0.2568



27.8548, 0.3238, 0.2576



27.8548, 0.4330, 0.3856

Rectangle

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



27.8548, 0.2929, 0.4194



27.8548, 0.2181, 0.3217



27.8548, 0.3238, 0.2576



27.8548, 0.4162, 0.3232

Sweetspot

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



27.8560, 0.2929, 0.4194



57.6645, 0.3061, 0.3535



30.8382, 0.3545, 0.4366



12.8574, 0.3050, 0.3577



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.



27.8560, 0.2929, 0.4194



48.9601, 0.2897, 0.4437



28.7008, 0.2679, 0.3565



7.4294, 0.3081, 0.3457



19.7316, 0.2895, 0.5624



0.3593, 0.2689, 0.4880

Inverse Universe

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



16.8107, 0.3417, 0.2535



26.1833, 0.3503, 0.2379



15.9880, 0.3916, 0.3039



6.7236, 0.3177, 0.3129



6.8166, 0.4027, 0.1992



0.1285, 0.3639, 0.1779

Previews

White Background



This preview shows how the Yxy color 27.8548, 0.2929, 0.4194 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 27.8548, 0.2929, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

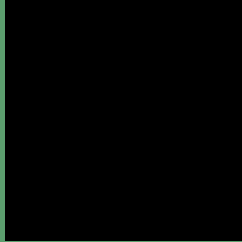
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8548, 0.2929, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 27.8548, 0.2929, 0.4194.



This preview shows how white text looks on a background with the Yxy color 27.8548, 0.2929, 0.4194.

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

27.8548, 0.2929, 0.4194

Protanopia

27.4942, 0.3663, 0.3934

Deuteranopia

27.6074, 0.3720, 0.3660



Tritanopia

27.7206, 0.2602, 0.3084

Trichromacy



Original Color

27.8548, 0.2929, 0.4194

Protanomaly

27.0457, 0.3353, 0.4021

Deuteranomaly

27.0185, 0.3392, 0.3831

Tritanomaly

27.8341, 0.2721, 0.3467

Monochromacy



Original Color

27.8548, 0.2929, 0.4194

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.6782, 0.3039, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8548, 0.2929, 0.4194 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(92, 158, 110)` looks like.

```
.text, #text, p{  
    color:rgb(92, 158, 110)  
}
```

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(92, 158, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 158, 110) }
```

Border

The CSS property to change the border of an element to Yxy 27.8548, 0.2929, 0.4194 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(92, 158, 110) }
```

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

```
.border{ border-color:rgb(92, 158, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 158, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(92, 158,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8548, 0.2929, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 158, 110) }
```

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

```
.background{ background-color: rgb(92, 158,  
110) }
```

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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