

Converting Colors

$Y_{xy}(29.0423, 0.2504, 0.3066)$

Have a look what the booklet for
Yxy(29.0423, 0.2504, 0.3066)
contains.

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Color

$Y_{xy}(29.0212, 0.2502, 0.3069)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9CA9
RGB	94, 156, 169
RGB Percent	37%, 61%, 66%
CMY	0.6316, 0.3882, 0.3373
CMYK	0.44, 0.08, 0.00, 0.34
HSL	190°, 30%, 52%
HSV	190°, 44%, 66%
XYZ	23.6595, 29.0212, 41.8817
YIQ	138.9440, -41.1250, -9.1010

Conversions

Conversions Part 2

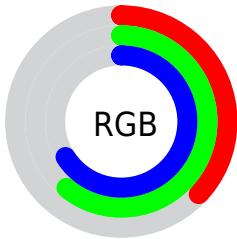
Format	Color
R _Y B	94, 128, 169
Decimal	6200489
CIE Lab	60.80, -16.51, -13.04
CIE LCh	61, 21.035, 218.300
Yxy	29.0212, 0.2502, 0.3069
Android (android.graphics.Color)	4284390569 (0xFF5E9CA9)
YUV	138.9440, 14.8176, -39.4159
Hunter-Lab	53.8713, -15.8802, -8.3844

Details

The Yxy color **29.0212, 0.2502, 0.3069** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.7354, 0.4181, 0.3493**, and the grayscale version is **25.7447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2662, 0.2626, 0.3126**, and **11.8188, 0.2301, 0.2988** is the 20% darker color. If you saturate the color by 10%, you get **27.2570, 0.2389, 0.3011**, and if you desaturate by 10%, it is **31.0067, 0.2628, 0.3125**.

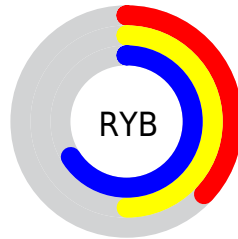
Distribution



Red (37%)

Green (61%)

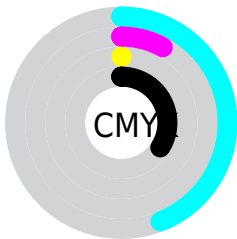
Blue (66%)



Red (37%)

Yellow (50%)

Blue (66%)

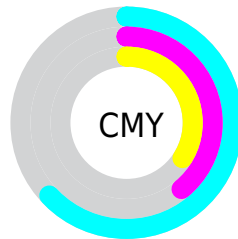


Cyan (44%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (63%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0212, 0.2502, 0.3069 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 29.0212, 0.2502, 0.3069 by changing the saturation by 10% instead.

 29.0212, 0.2502,
0.3069


 29.0212, 0.2502,
0.3069


297.3150, 0.2832,
0.3195

 19.0969, 0.2414,
0.3032


 58.1108, 0.2626,
0.3119

 11.7403, 0.2298,
0.2981


 78.0448, 0.2671,
0.3136

 6.5671, 0.2137,
0.2905


 102.0841, 0.2709,
0.3150

 3.1929, 0.1904,
0.2785

 130.6132, 0.2741,
0.3162

 1.2332, 0.1529,
0.2571

164.0165, 0.2769,
0.3172

 0.0886, 0.0000,
0.0808

202.6783, 0.2793,

 0.0000, 0.0000,

0.3181

0.0000

246.9830, 0.2814,
0.3188

■ 29.0212, 0.2502,
0.3069

■ 29.0212, 0.2502,
0.3069

■ 27.2570, 0.2389,
0.3011

■ 31.0067, 0.2628,
0.3125

■ 25.6977, 0.2292,
0.2950

■ 33.2220, 0.2766,
0.3177

■ 24.3298, 0.2213,
0.2889

■ 35.6793, 0.2911,
0.3226

■ 23.1365, 0.2153,
0.2828

■ 38.3888, 0.3060,
0.3271

■ 22.0976, 0.2112,
0.2767

■ 41.3600, 0.3212,
0.3312

■ 21.5571, 0.2093,
0.2733

■ 44.6020, 0.3364,
0.3349

■ 48.1234, 0.3513,
0.3382

■ 51.9324, 0.3659,
0.3411

■ 56.0369, 0.3800,
0.3436

Harmonies

Analogous

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



29.0212, 0.2654, 0.3392



29.0212, 0.2502, 0.3069



29.0212, 0.2507, 0.2832

Triad

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



29.0212, 0.2502, 0.3069



29.0212, 0.3300, 0.2923



29.0212, 0.3589, 0.3881

Complementary

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



29.0212, 0.2502, 0.3069



19.7354, 0.4181, 0.3493

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.



29.0212, 0.3784, 0.3713



29.0212, 0.2502, 0.3069



29.0212, 0.3615, 0.3168

Square

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



29.0212, 0.2502, 0.3069



29.0212, 0.2951, 0.2765



29.0212, 0.3796, 0.3451



29.0212, 0.3275, 0.3887

Rectangle

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



29.0212, 0.2502, 0.3069



29.0212, 0.2597, 0.2748



29.0212, 0.3796, 0.3451



29.0212, 0.3671, 0.3840

Sweetspot

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



29.0223, 0.2502, 0.3069



64.4622, 0.2928, 0.3232



31.7956, 0.2976, 0.4417



13.8350, 0.2897, 0.3222



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0223, 0.2502, 0.3069



48.9648, 0.2394, 0.3013



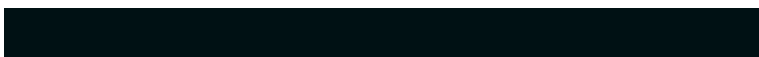
18.4224, 0.2388, 0.2396



8.3082, 0.2987, 0.3250



16.1387, 0.2094, 0.2739



0.4490, 0.2150, 0.2940

Inverse Universe

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



18.8280, 0.3341, 0.2387



28.9549, 0.3400, 0.2213



29.1767, 0.3924, 0.4039



7.6440, 0.3163, 0.3105



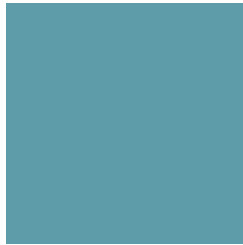
7.7003, 0.3691, 0.1807



0.1930, 0.3508, 0.1706

Previews

White Background



This preview shows how the Yxy color 29.0212, 0.2502, 0.3069 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 29.0212, 0.2502, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

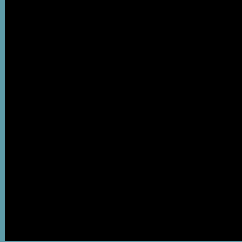
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0212, 0.2502, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 29.0212, 0.2502, 0.3069.



This preview shows how white text looks on a background with the Yxy color 29.0212, 0.2502, 0.3069.

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

29.0212, 0.2502, 0.3069

Protanopia

28.7887, 0.2957, 0.3024

Deuteranopia

28.9194, 0.2906, 0.2850



Tritanopia

29.0212, 0.2502, 0.3069

Trichromacy



Original Color

29.0212, 0.2502, 0.3069

Protanomaly

28.6471, 0.2765, 0.3030

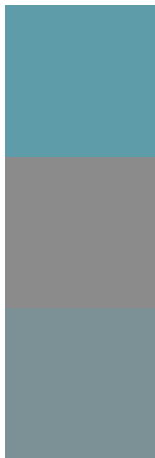
Deuteranomaly

28.7093, 0.2733, 0.2923

Tritanomaly

29.0212, 0.2502, 0.3069

Monochromacy



Original Color

29.0212, 0.2502, 0.3069

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.6638, 0.2860, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0212, 0.2502, 0.3069 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(94, 156, 169)` looks like.

```
.text, #text, p{  
    color:rgb(94, 156, 169)  
}
```

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(94, 156, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 156, 169) }
```

Border

The CSS property to change the border of an element to Yxy 29.0212, 0.2502, 0.3069 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(94, 156, 169) }
```

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

```
.border{ border-color:rgb(94, 156, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 156, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 156, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 156, 169);  
box-shadow:4px 4px 4px 4px rgb(94, 156,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0212, 0.2502, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 156, 169) }
```

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

```
.background{ background-color: rgb(94, 156,  
169) }
```

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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