

Converting Colors

$Yxy(29.3939, 0.2428, 0.2911)$

Have a look what the booklet for
Yxy(29.3939, 0.2428, 0.2911)
contains.

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Color

Yxy(29.3069, 0.2425, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	5C9CB3
RGB	92, 156, 179
RGB Percent	36%, 61%, 70%
CMY	0.6395, 0.3882, 0.2981
CMYK	0.49, 0.13, 0.00, 0.30
HSL	196°, 36%, 53%
HSV	196°, 49%, 70%
XYZ	24.4308, 29.3069, 47.0079
YIQ	139.4860, -45.5270, -6.4150

Conversions

Conversions Part 2

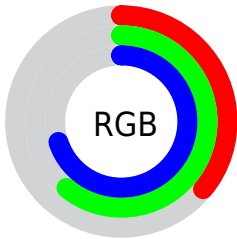
Format	Color
R _Y B	92, 129, 179
Decimal	6069427
CIE Lab	61.05, -14.21, -18.31
CIE LCh	61, 23.178, 232.189
Yxy	29.3069, 0.2425, 0.2909
Android (android.graphics.Color)	4284259507 (0xFF5C9CB3)
YUV	139.4860, 19.4804, -41.6452
Hunter-Lab	54.1358, -14.1830, -13.5883

Details

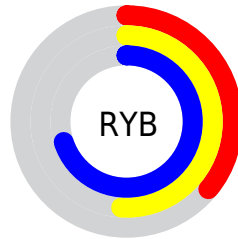
The Yxy color **29.3069, 0.2425, 0.2909** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5873, 0.4276, 0.3627**, and the grayscale version is **25.9454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7897, 0.2562, 0.2993**, and **11.9496, 0.2205, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **26.9395, 0.2307, 0.2815**, and if you desaturate by 10%, it is **31.9557, 0.2556, 0.2999**.

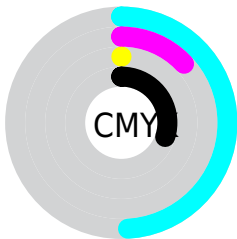
Distribution



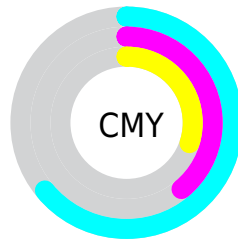
- Red (36%)
- Green (61%)
- Blue (70%)



- Red (36%)
- Yellow (51%)
- Blue (70%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)




- Cyan (64%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.3069, 0.2425, 0.2909 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 29.3069, 0.2425, 0.2909 by changing the saturation by 10% instead.

 29.3069, 0.2425,
0.2909


 29.3069, 0.2425,
0.2909


298.6603, 0.2793,
0.3120

 19.3131, 0.2328,
0.2849


 58.5643, 0.2563,
0.2991


 11.8967, 0.2201,
0.2768


 78.5968, 0.2613,
0.3020

 6.6734, 0.2028,
0.2653


 102.7442, 0.2655,
0.3044

 3.2587, 0.1780,
0.2477

 131.3910, 0.2691,
0.3064

 1.2682, 0.1404,
0.2181

164.9217, 0.2722,
0.3081

 0.1164, 0.0000,
0.0730

203.7205, 0.2749,

 0.0000, 0.0000,

0.3096

0.0000

248.1719, 0.2772,
0.3109

■ 29.3069, 0.2425,
0.2909

■ 29.3069, 0.2425,
0.2909

■ 26.9395, 0.2307,
0.2815

■ 31.9557, 0.2556,
0.2999

■ 24.8341, 0.2205,
0.2719

■ 34.8975, 0.2697,
0.3083

■ 22.9733, 0.2121,
0.2621

■ 38.1468, 0.2845,
0.3161

■ 21.3357, 0.2057,
0.2523

■ 41.7162, 0.2996,
0.3233

■ 19.8845, 0.2010,
0.2426

■ 45.6176, 0.3148,
0.3298

■ 19.6954, 0.2004,
0.2413

■ 49.8621, 0.3298,
0.3357

■ 54.4602, 0.3445,
0.3409

■ 59.4220, 0.3587,
0.3456

■ 64.7571, 0.3723,
0.3496

Harmonies

Analogous

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



29.3069, 0.2512, 0.3230



29.3069, 0.2425, 0.2909



29.3069, 0.2510, 0.2717

Triad

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



29.3069, 0.2425, 0.2909



29.3069, 0.3488, 0.3003



29.3069, 0.3483, 0.3970

Complementary

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



29.3069, 0.2425, 0.2909



22.5873, 0.4276, 0.3627

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.



29.3069, 0.3769, 0.3855



29.3069, 0.2425, 0.2909



29.3069, 0.3780, 0.3296

Square

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



29.3069, 0.2425, 0.2909



29.3069, 0.3107, 0.2783



29.3069, 0.3883, 0.3603



29.3069, 0.3111, 0.3880

Rectangle

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



29.3069, 0.2425, 0.2909



29.3069, 0.2656, 0.2674



29.3069, 0.3883, 0.3603



29.3069, 0.3593, 0.3952

Sweetspot

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



29.3080, 0.2425, 0.2909



70.4375, 0.2896, 0.3186



35.7124, 0.2916, 0.4424



15.3174, 0.2865, 0.3171



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.3080, 0.2425, 0.2909



48.1243, 0.2303, 0.2812



17.4881, 0.2285, 0.2158



9.2447, 0.2986, 0.3229



14.0309, 0.2007, 0.2424



0.5305, 0.2082, 0.2694

Inverse Universe

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



19.6223, 0.3474, 0.2399



29.8096, 0.3575, 0.2237



34.5404, 0.3967, 0.4202



8.6077, 0.3176, 0.3124



7.9566, 0.3998, 0.1976



0.2593, 0.3734, 0.1831

Previews

White Background



This preview shows how the Yxy color 29.3069, 0.2425, 0.2909 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 29.3069, 0.2425, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

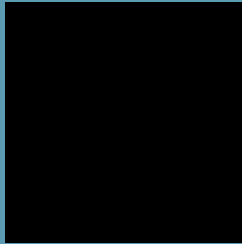
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.3069, 0.2425, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 29.3069, 0.2425, 0.2909.



This preview shows how white text looks on a background with the Yxy color 29.3069, 0.2425, 0.2909.

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

29.3069, 0.2425, 0.2909

Protanopia

28.9801, 0.2849, 0.2875

Deuteranopia

29.1636, 0.2774, 0.2720



Tritanopia

29.1401, 0.2467, 0.3068

Trichromacy



Original Color

29.3069, 0.2425, 0.2909

Protanomaly

28.8751, 0.2669, 0.2876

Deuteranomaly

28.8011, 0.2622, 0.2772

Tritanomaly

29.3047, 0.2454, 0.3019

Monochromacy



Original Color

29.3069, 0.2425, 0.2909

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.7215, 0.2816, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3069, 0.2425, 0.2909 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 $rgb(92, 156, 179)$ looks like.

```
.text, #text, p{  
    color:rgb(92, 156, 179)  
}
```

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, 156, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 156, 179) }
```

Border

The CSS property to change the border of an element to Yxy 29.3069, 0.2425, 0.2909 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, 156, 179) }
```

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

```
.border{ border-color:rgb(92, 156, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 156, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 156, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 156, 179);  
box-shadow:4px 4px 4px 4px rgb(92, 156,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3069, 0.2425, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 156, 179) }
```

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

```
.background{ background-color: rgb(92, 156,  
179) }
```

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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