

Converting Colors

$Y_{xy}(28.9894, 0.2565, 0.3145)$

Have a look what the booklet for
Yxy(28.9894, 0.2565, 0.3145)
contains.

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Color

$\text{Yxy}(29.0539, 0.2563, 0.3152)$

Conversions

Conversions Part 1

Format	Color
Hex	629CA4
RGB	98, 156, 164
RGB Percent	38%, 61%, 64%
CMY	0.6158, 0.3882, 0.3568
CMYK	0.40, 0.05, 0.00, 0.36
HSL	187°, 27%, 51%
HSV	187°, 40%, 64%
XYZ	23.6247, 29.0539, 39.4974
YIQ	139.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

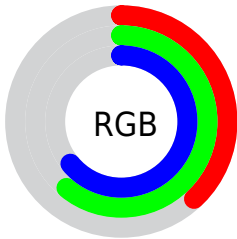
Format	Color
R_{YB}	98, 129, 164
Decimal	6462628
CIE _{Lab}	60.83, -16.79, -10.17
CIE _{LCh}	61, 19.629, 211.217
Yxy	29.0539, 0.2563, 0.3152
Android (android.graphics.Color)	4284652708 (0xFF629CA4)
YUV	139.5700, 12.0440, -36.4569
Hunter-Lab	53.9017, -16.0926, -5.7147

Details

The Yxy color **29.0539, 0.2563, 0.3152** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0805, 0.4064, 0.3420**, and the grayscale version is **26.0110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.3784, 0.2678, 0.3188**, and **11.8309, 0.2382, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **27.5717, 0.2450, 0.3112**, and if you desaturate by 10%, it is **30.7362, 0.2690, 0.3190**.

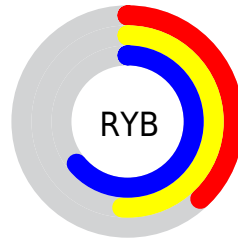
Distribution



Red (38%)

Green (61%)

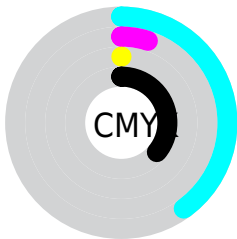
Blue (64%)



Red (38%)

Yellow (51%)

Blue (64%)

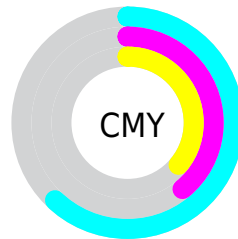


Cyan (40%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (62%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0539, 0.2563, 0.3152 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 29.0539, 0.2563, 0.3152 by changing the saturation by 10% instead.


 29.0539, 0.2563,
0.3152


 29.0539, 0.2563,
0.3152


297.4692, 0.2862,
0.3232


 19.1216, 0.2483,
0.3128


 58.1627, 0.2676,
0.3184


 11.7582, 0.2376,
0.3094


 78.1080, 0.2717,
0.3195

 6.5792, 0.2229,
0.3042


 102.1598, 0.2751,
0.3204

 3.2004, 0.2011,
0.2958

 130.7024, 0.2780,
0.3212

 1.2372, 0.1654,
0.2804

164.1202, 0.2805,
0.3218

 0.0918, 0.0000,
0.1017

202.7977, 0.2826,

 0.0000, 0.0000,

0.3223

0.0000

247.1192, 0.2845,
0.3228

■ 29.0539, 0.2563,
0.3152

■ 29.0539, 0.2563,
0.3152

■ 27.5717, 0.2450,
0.3112

■ 30.7362, 0.2690,
0.3190

■ 26.2748, 0.2353,
0.3071

■ 32.6259, 0.2827,
0.3226

■ 25.1514, 0.2273,
0.3030

■ 34.7339, 0.2973,
0.3259

■ 24.1869, 0.2212,
0.2988

■ 37.0692, 0.3123,
0.3289

■ 23.3643, 0.2169,
0.2946

■ 39.6406, 0.3276,
0.3317

■ 22.6626, 0.2141,
0.2906

■ 42.4562, 0.3429,
0.3342

■ 45.5237, 0.3580,
0.3364

■ 48.8505, 0.3727,
0.3383

■ 52.4437, 0.3870,
0.3400

Harmonies

Analogous

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



29.0539, 0.2738, 0.3460



29.0539, 0.2563, 0.3152



29.0539, 0.2532, 0.2905

Triad

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



29.0539, 0.2563, 0.3152



29.0539, 0.3211, 0.2902



29.0539, 0.3614, 0.3817

Complementary

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



29.0539, 0.2563, 0.3152



19.0805, 0.4064, 0.3420

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.



29.0539, 0.3759, 0.3634



29.0539, 0.2563, 0.3152



29.0539, 0.3521, 0.3117

Square

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



29.0539, 0.2563, 0.3152



29.0539, 0.2892, 0.2779



29.0539, 0.3726, 0.3379



29.0539, 0.3341, 0.3860

Rectangle

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



29.0539, 0.2563, 0.3152



29.0539, 0.2594, 0.2805



29.0539, 0.3726, 0.3379



29.0539, 0.3680, 0.3768

Sweetspot

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



29.0550, 0.2563, 0.3152



62.2478, 0.2944, 0.3253



30.1890, 0.3013, 0.4353



13.5046, 0.2926, 0.3249



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.0550, 0.2563, 0.3152



50.3786, 0.2465, 0.3118



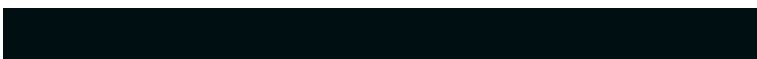
19.5126, 0.2472, 0.2558



7.8638, 0.2988, 0.3262



17.4165, 0.2142, 0.2910



0.4044, 0.2183, 0.3060

Inverse Universe

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



19.0238, 0.3272, 0.2424



30.0300, 0.3310, 0.2252



27.1555, 0.3857, 0.3922



7.1873, 0.3155, 0.3095



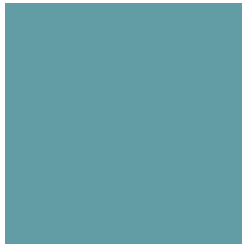
7.6023, 0.3534, 0.1721



0.1636, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 29.0539, 0.2563, 0.3152 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 29.0539, 0.2563, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

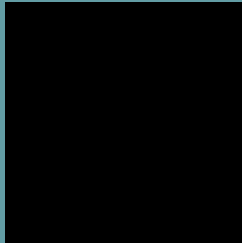
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0539, 0.2563, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 29.0539, 0.2563, 0.3152.



This preview shows how white text looks on a background with the Yxy color 29.0539, 0.2563, 0.3152.

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

29.0539, 0.2563, 0.3152

Protanopia

28.7049, 0.3013, 0.3101

Deuteranopia

28.6201, 0.2970, 0.2909



Tritanopia

28.9225, 0.2540, 0.3070

Trichromacy



Original Color

29.0539, 0.2563, 0.3152

Protanomaly

28.6222, 0.2825, 0.3110

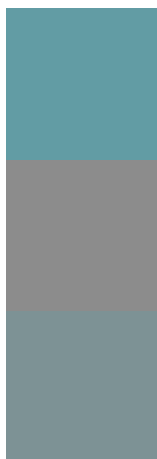
Deuteranomaly

28.4459, 0.2800, 0.2985

Tritanomaly

28.8854, 0.2547, 0.3086

Monochromacy



Original Color

29.0539, 0.2563, 0.3152

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

27.0877, 0.2889, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0539, 0.2563, 0.3152 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(98, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(98, 156, 164)  
}
```

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(98, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 156, 164) }
```

Border

The CSS property to change the border of an element to Yxy 29.0539, 0.2563, 0.3152 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(98, 156, 164) }
```

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

```
.border{ border-color:rgb(98, 156, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 156, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(98, 156,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0539, 0.2563, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 156, 164) }
```

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

```
.background{ background-color: rgb(98, 156,  
164) }
```

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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