

Converting Colors

$Yxy(28.9605, 0.2491, 0.3363)$

Have a look what the booklet for
Yxy(28.9605, 0.2491, 0.3363)
contains.

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Color

$\text{Yxy}(29.0784, 0.2490, 0.3359)$

Conversions

Conversions Part 1

Format	Color
Hex	4CA09C
RGB	76, 160, 156
RGB Percent	30%, 63%, 61%
CMY	0.7018, 0.3726, 0.3882
CMYK	0.52, 0.00, 0.02, 0.37
HSL	177°, 36%, 46%
HSV	177°, 52%, 63%
XYZ	21.5556, 29.0784, 35.9346
YIQ	134.4280, -48.7800, -19.0520

Conversions

Conversions Part 2

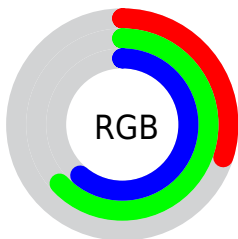
Format	Color
RYB	76, 119, 160
Decimal	5021852
CIELab	60.85, -26.34, -5.71
CIElCh	61, 26.952, 192.234
Yxy	29.0784, 0.2490, 0.3359
Android (android.graphics.Color)	4283211932 (0xFF4CA09C)
YUV	134.4280, 10.6350, -51.2414
Hunter-Lab	53.9244, -23.0146, -1.7631

Details

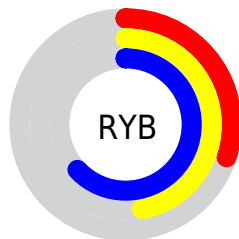
The Yxy color **29.0784, 0.2490, 0.3359** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.2285, 0.4528, 0.3232**, and the grayscale version is **23.9846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1596, 0.2621, 0.3354**, and **11.7644, 0.2276, 0.3368** is the 20% darker color. If you saturate the color by 10%, you get **28.4776, 0.2414, 0.3374**, and if you desaturate by 10%, it is **29.8446, 0.2583, 0.3344**.

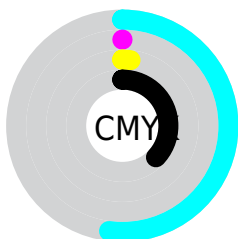
Distribution



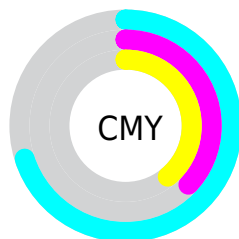
- Red (30%)
- Green (63%)
- Blue (61%)



- Red (30%)
- Yellow (47%)
- Blue (63%)



- Cyan (52%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)




- Cyan (70%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0784, 0.2490, 0.3359 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 29.0784, 0.2490, 0.3359 by changing the saturation by 10% instead.


 29.0784, 0.2490,
0.3359


 29.0784, 0.2490,
0.3359


297.5847, 0.2828,
0.3328


 19.1401, 0.2399,
0.3365


 58.2016, 0.2618,
0.3349


 11.7716, 0.2278,
0.3371


 78.1554, 0.2664,
0.3345


 6.5883, 0.2110,
0.3377


 102.2164, 0.2703,
0.3341

 3.2060, 0.1863,
0.3377

 130.7691, 0.2736,
0.3338

 1.2402, 0.1365,
0.3395

 164.1979, 0.2764,
0.3335

 0.0942, 0.0000,
0.1580

202.8872, 0.2788,

 0.0000, 0.0000,

0.3332

0.0000

247.2213, 0.2809,
0.3330

■ 29.0784, 0.2490,
0.3359

■ 29.0784, 0.2490,
0.3359

■ 28.4776, 0.2414,
0.3374

■ 29.8446, 0.2583,
0.3344

■ 28.0265, 0.2357,
0.3390

■ 30.7840, 0.2693,
0.3330

■ 27.7122, 0.2318,
0.3405

■ 31.9076, 0.2815,
0.3317

■ 27.5179, 0.2296,
0.3420

■ 33.2248, 0.2949,
0.3304

■ 27.4206, 0.2287,
0.3432

■ 34.7443, 0.3091,
0.3293

■ 36.4742, 0.3239,
0.3282

■ 38.4223, 0.3389,
0.3273

■ 40.5958, 0.3540,
0.3265

■ 43.0018, 0.3689,
0.3257

Harmonies

Analogous

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



29.0784, 0.2822, 0.3781



29.0784, 0.2490, 0.3359



29.0784, 0.2328, 0.2951

Triad

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



29.0784, 0.2490, 0.3359



29.0784, 0.2955, 0.2650



29.0784, 0.3944, 0.3855

Complementary

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



29.0784, 0.2490, 0.3359



13.2285, 0.4528, 0.3232

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.



29.0784, 0.3998, 0.3529



29.0784, 0.2490, 0.3359



29.0784, 0.3403, 0.2863

Square

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



29.0784, 0.2490, 0.3359



29.0784, 0.2581, 0.2580



29.0784, 0.3796, 0.3175



29.0784, 0.3664, 0.4061

Rectangle

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



29.0784, 0.2490, 0.3359



29.0784, 0.2328, 0.2751



29.0784, 0.3796, 0.3175



29.0784, 0.3990, 0.3755

Sweetspot

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



29.0795, 0.2490, 0.3359



59.3688, 0.2897, 0.3309



27.3790, 0.3083, 0.4906



12.9198, 0.2871, 0.3311



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.



29.0795, 0.2490, 0.3359



51.5478, 0.2403, 0.3377



18.0496, 0.2323, 0.2570



7.5041, 0.2994, 0.3300



21.3632, 0.2286, 0.3430



0.3835, 0.2269, 0.3369

Inverse Universe

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



13.2285, 0.4528, 0.3232



19.5633, 0.5045, 0.3227



19.9909, 0.4246, 0.3893



6.6510, 0.3277, 0.3280



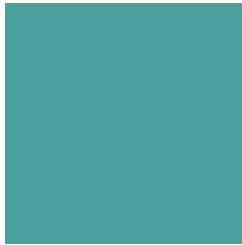
5.8367, 0.6333, 0.3262



0.1057, 0.6021, 0.3090

Previews

White Background



This preview shows how the Yxy color 29.0784, 0.2490, 0.3359 looks on a white background.

Color Contrast Check

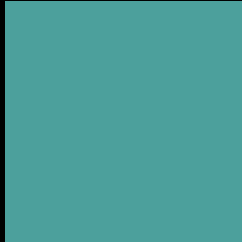
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0784, 0.2490, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

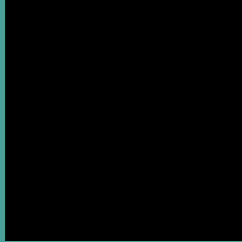
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0784, 0.2490, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 29.0784, 0.2490, 0.3359.

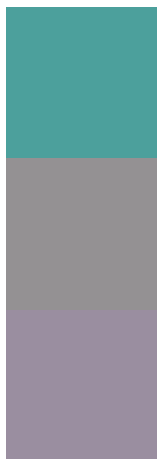


This preview shows how white text looks on a background with the Yxy color 29.0784, 0.2490, 0.3359.

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

29.0784, 0.2490, 0.3359

Protanopia

28.6533, 0.3139, 0.3258

Deuteranopia

28.7541, 0.3077, 0.3015



Tritanopia

29.1433, 0.2417, 0.3066

Trichromacy



Original Color

29.0784, 0.2490, 0.3359

Protanomaly

28.1523, 0.2855, 0.3289

Deuteranomaly

28.4337, 0.2815, 0.3125

Tritanomaly

29.2117, 0.2440, 0.3167

Monochromacy



Original Color

29.0784, 0.2490, 0.3359

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.1086, 0.2834, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0784, 0.2490, 0.3359 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(76, 160, 156)` looks like.

```
.text, #text, p{  
  color:rgb(76, 160, 156)  
}
```

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(76, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 160, 156) }
```

Border

The CSS property to change the border of an element to Yxy 29.0784, 0.2490, 0.3359 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(76, 160, 156) }
```

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

```
.border{ border-color:rgb(76, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(76, 160,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0784, 0.2490, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 160, 156) }
```

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

```
.background{ background-color: rgb(76, 160,  
156) }
```

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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