

Converting Colors

$Yxy(29.0860, 0.2538, 0.3427)$

Have a look what the booklet for
Yxy(29.0860, 0.2538, 0.3427)
contains.

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Color

Yxy(29.1141, 0.2539, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	50A098
RGB	80, 160, 152
RGB Percent	31%, 63%, 60%
CMY	0.6864, 0.3725, 0.4039
CMYK	0.50, 0.00, 0.05, 0.37
HSL	174°, 33%, 47%
HSV	174°, 50%, 63%
XYZ	21.5449, 29.1141, 34.1970
YIQ	135.1680, -45.1120, -19.4480

Conversions

Conversions Part 2

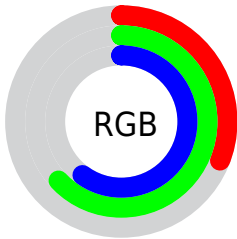
Format	Color
RYB	80, 122, 160
Decimal	5283992
CIELab	60.88, -26.53, -3.39
CIELCh	61, 26.741, 187.288
Yxy	29.1141, 0.2539, 0.3431
Android (android.graphics.Color)	4283474072 (0xFF50A098)
YUV	135.1680, 8.2982, -48.3823
Hunter-Lab	53.9575, -23.1515, 0.1936

Details

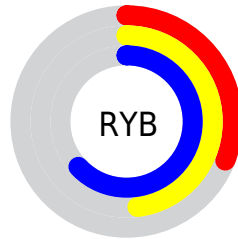
The Yxy color **29.1141, 0.2539, 0.3431** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.9094, 0.4353, 0.3166**, and the grayscale version is **24.2726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2080, 0.2659, 0.3406**, and **11.7839, 0.2343, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **28.4481, 0.2462, 0.3464**, and if you desaturate by 10%, it is **29.9489, 0.2632, 0.3399**.

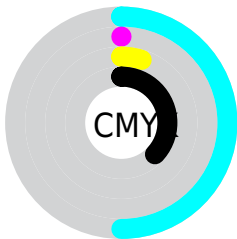
Distribution



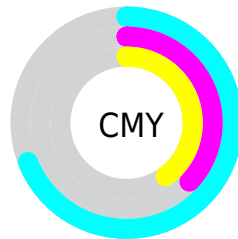
- Red (31%)
- Green (63%)
- Blue (60%)



- Red (31%)
- Yellow (48%)
- Blue (63%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (37%)





- Cyan (69%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1141, 0.2539, 0.3431 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 29.1141, 0.2539, 0.3431 by changing the saturation by 10% instead.


 29.1141, 0.2539,
0.3431


 29.1141, 0.2539,
0.3431


297.7529, 0.2852,
0.3359


 19.1672, 0.2454,
0.3449

 58.2583, 0.2658,
0.3405

 11.7911, 0.2341,
0.3472


 78.2244, 0.2701,
0.3395


 6.6016, 0.2183,
0.3503


 102.2989, 0.2737,
0.3387

 3.2142, 0.1948,
0.3543

 130.8664, 0.2767,
0.3379

 1.2446, 0.1456,
0.3642

 164.3111, 0.2793,
0.3373

 0.0977, 0.0000,
0.2214

203.0175, 0.2815,

 0.0000, 0.0000,

0.3368

0.0000

247.3700, 0.2835,
0.3363

■ 29.1141, 0.2539,
0.3431

■ 29.1141, 0.2539,
0.3431

■ 28.4481, 0.2462,
0.3464

■ 29.9489, 0.2632,
0.3399

■ 27.9356, 0.2404,
0.3497

■ 30.9598, 0.2740,
0.3369

■ 27.5641, 0.2364,
0.3531

■ 32.1579, 0.2861,
0.3341

■ 27.3175, 0.2342,
0.3565

■ 33.5525, 0.2990,
0.3314

■ 27.1587, 0.2333,
0.3598

■ 35.1519, 0.3127,
0.3290

■ 36.9642, 0.3267,
0.3268

■ 38.9971, 0.3410,
0.3249

■ 41.2579, 0.3552,
0.3231

■ 43.7533, 0.3692,
0.3216

Harmonies

Analogous

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



29.1141, 0.2890, 0.3835



29.1141, 0.2539, 0.3431



29.1141, 0.2348, 0.3014

Triad

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



29.1141, 0.2539, 0.3431



29.1141, 0.2887, 0.2633



29.1141, 0.3964, 0.3803

Complementary

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



29.1141, 0.2539, 0.3431



13.9094, 0.4353, 0.3166

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.



29.1141, 0.3975, 0.3470



29.1141, 0.2539, 0.3431



29.1141, 0.3328, 0.2823

Square

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



29.1141, 0.2539, 0.3431



29.1141, 0.2537, 0.2589



29.1141, 0.3736, 0.3120



29.1141, 0.3718, 0.4034

Rectangle

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



29.1141, 0.2539, 0.3431



29.1141, 0.2326, 0.2798



29.1141, 0.3736, 0.3120



29.1141, 0.3996, 0.3699

Sweetspot

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



29.1152, 0.2539, 0.3431



59.5384, 0.2921, 0.3328



27.7955, 0.3119, 0.4806



12.9501, 0.2896, 0.3333



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.



29.1152, 0.2539, 0.3431



51.5302, 0.2455, 0.3468



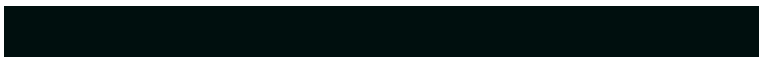
19.6772, 0.2373, 0.2689



7.4981, 0.3001, 0.3312



21.1579, 0.2332, 0.3595



0.3813, 0.2295, 0.3460

Inverse Universe

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



13.9094, 0.4353, 0.3166



20.7023, 0.4806, 0.3150



19.6365, 0.4213, 0.3806



6.6564, 0.3269, 0.3268



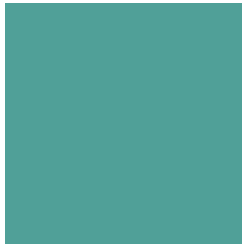
5.8542, 0.6255, 0.3220



0.1074, 0.5665, 0.2894

Previews

White Background



This preview shows how the Yxy color 29.1141, 0.2539, 0.3431 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 29.1141, 0.2539, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

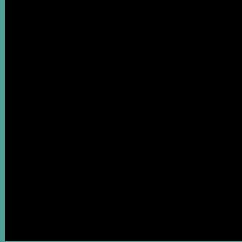
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1141, 0.2539, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 29.1141, 0.2539, 0.3431.



This preview shows how white text looks on a background with the Yxy color 29.1141, 0.2539, 0.3431.

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

29.1141, 0.2539, 0.3431

Protanopia

28.6540, 0.3179, 0.3306

Deuteranopia

28.8142, 0.3137, 0.3076



Tritanopia

28.9947, 0.2448, 0.3067

Trichromacy



Original Color

29.1141, 0.2539, 0.3431

Protanomaly

28.2044, 0.2899, 0.3340

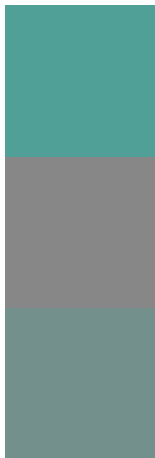
Deuteranomaly

28.4506, 0.2867, 0.3191

Tritanomaly

28.9829, 0.2485, 0.3201

Monochromacy



Original Color

29.1141, 0.2539, 0.3431

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.5144, 0.2862, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1141, 0.2539, 0.3431 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(80, 160, 152)` looks like.

```
.text, #text, p{  
    color:rgb(80, 160, 152)  
}
```

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(80, 160, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 160, 152) }
```

Border

The CSS property to change the border of an element to Yxy 29.1141, 0.2539, 0.3431 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(80, 160, 152) }
```

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

```
.border{ border-color:rgb(80, 160, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 160, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 160, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 160, 152);  
box-shadow:4px 4px 4px 4px rgb(80, 160,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1141, 0.2539, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 160, 152) }
```

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

```
.background{ background-color: rgb(80, 160,  
152) }
```

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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