

Converting Colors

$Yxy(26.7999, 0.2445, 0.3352)$

Have a look what the booklet for
Yxy(26.7999, 0.2445, 0.3352)
contains.

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Color

Yxy(26.8353, 0.2450, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	429B97
RGB	66, 155, 151
RGB Percent	26%, 61%, 59%
CMY	0.7410, 0.3922, 0.4078
CMYK	0.57, 0.00, 0.03, 0.39
HSL	177°, 40%, 43%
HSV	177°, 57%, 61%
XYZ	19.5558, 26.8353, 33.4284
YIQ	127.9330, -51.7600, -20.1120

Conversions

Conversions Part 2

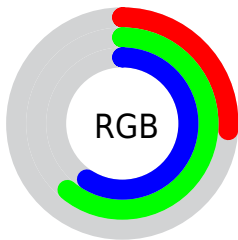
Format	Color
RYB	66, 112, 155
Decimal	4365207
CIELab	58.82, -27.33, -5.92
CIELCh	59, 27.964, 192.220
Yxy	26.8353, 0.2450, 0.3362
Android (android.graphics.Color)	4282555287 (0xFF429B97)
YUV	127.9330, 11.3720, -54.3152
Hunter-Lab	51.8028, -23.2704, -1.9979

Details

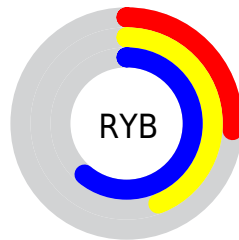
The Yxy color **26.8353, 0.2450, 0.3362** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.3116, 0.4736, 0.3232**, and the grayscale version is **21.5388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7119, 0.2590, 0.3356**, and **10.6206, 0.2270, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **26.3461, 0.2383, 0.3376**, and if you desaturate by 10%, it is **27.4726, 0.2535, 0.3348**.

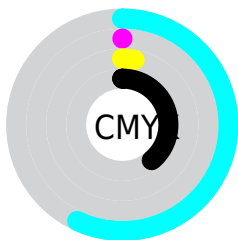
Distribution



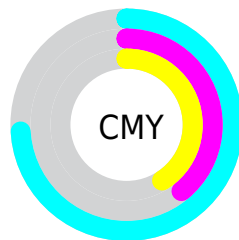
- Red (26%)
- Green (61%)
- Blue (59%)



- Red (26%)
- Yellow (44%)
- Blue (61%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)





- Cyan (74%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8353, 0.2450, 0.3362 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 26.8353, 0.2450, 0.3362 by changing the saturation by 10% instead.


 26.8353, 0.2450,
0.3362

 26.8353, 0.2450,
0.3362


286.8588, 0.2813,
0.3330


 17.4496, 0.2351,
0.3368


 54.6195, 0.2588,
0.3352

 10.5555, 0.2218,
0.3374


 73.7867, 0.2638,
0.3347


 5.7688, 0.2032,
0.3378

 96.9832, 0.2680,
0.3343

 2.7050, 0.1755,
0.3374

 124.5934, 0.2715,
0.3340

 0.9797, 0.0928,
0.3481

 157.0016, 0.2745,
0.3337

 0.0000, 0.0000,
0.0000

194.5924, 0.2771,

0.3334

237.7499, 0.2794,
0.3332

■ 26.8353, 0.2450,
0.3362

■ 26.8353, 0.2450,
0.3362

■ 26.3461, 0.2383,
0.3376

■ 27.4726, 0.2535,
0.3348

■ 25.9898, 0.2334,
0.3391

■ 28.2657, 0.2637,
0.3334

■ 25.7535, 0.2303,
0.3405

■ 29.2253, 0.2753,
0.3321

■ 25.6135, 0.2288,
0.3420

■ 30.3603, 0.2882,
0.3309

■ 25.5817, 0.2284,
0.3424

■ 31.6791, 0.3020,
0.3298

■ 33.1895, 0.3165,
0.3287

■ 34.8987, 0.3315,
0.3278

■ 36.8137, 0.3465,
0.3270

■ 38.9411, 0.3616,
0.3263

Harmonies

Analogous

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



26.8353, 0.2801, 0.3816



26.8353, 0.2450, 0.3362



26.8353, 0.2280, 0.2927

Triad

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



26.8353, 0.2450, 0.3362



26.8353, 0.2942, 0.2612



26.8353, 0.3997, 0.3888

Complementary

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



26.8353, 0.2450, 0.3362



11.3116, 0.4736, 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.



26.8353, 0.4056, 0.3540



26.8353, 0.2450, 0.3362



26.8353, 0.3420, 0.2836

Square

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



26.8353, 0.2450, 0.3362



26.8353, 0.2547, 0.2537



26.8353, 0.3840, 0.3166



26.8353, 0.3697, 0.4112

Rectangle

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



26.8353, 0.2450, 0.3362



26.8353, 0.2280, 0.2715



26.8353, 0.3840, 0.3166



26.8353, 0.4047, 0.3780

Sweetspot

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



26.8363, 0.2450, 0.3362



54.3871, 0.2883, 0.3309



25.1563, 0.3076, 0.5068



12.2199, 0.2858, 0.3311



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.8363, 0.2450, 0.3362



46.9717, 0.2367, 0.3381



15.7796, 0.2255, 0.2490



7.0218, 0.2995, 0.3300



20.5492, 0.2284, 0.3422



0.3085, 0.2266, 0.3357

Inverse Universe

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



11.3116, 0.4736, 0.3232



16.4002, 0.5325, 0.3232



17.6845, 0.4381, 0.3940



6.2270, 0.3276, 0.3280



5.6110, 0.6335, 0.3264



0.0849, 0.6027, 0.3094

Previews

White Background



This preview shows how the Yxy color 26.8353, 0.2450, 0.3362 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 26.8353, 0.2450, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

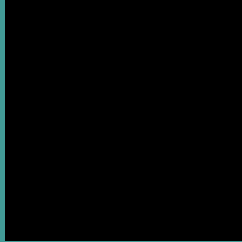
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8353, 0.2450, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 26.8353, 0.2450, 0.3362.



This preview shows how white text looks on a background with the Yxy color 26.8353, 0.2450, 0.3362.

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

26.8353, 0.2450, 0.3362

Protanopia

26.5488, 0.3140, 0.3257

Deuteranopia

26.5538, 0.3065, 0.3006



Tritanopia

26.8768, 0.2386, 0.3075

Trichromacy



Original Color

26.8353, 0.2450, 0.3362

Protanomaly

25.9400, 0.2828, 0.3289

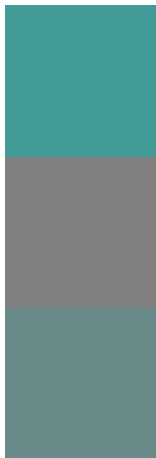
Deuteranomaly

26.1312, 0.2778, 0.3118

Tritanomaly

26.9514, 0.2410, 0.3180

Monochromacy



Original Color

26.8353, 0.2450, 0.3362

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.9578, 0.2805, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8353, 0.2450, 0.3362 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(66, 155, 151)` looks like.

```
.text, #text, p{  
    color:rgb(66, 155, 151)  
}
```

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(66, 155, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 155, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.8353, 0.2450, 0.3362 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(66, 155, 151) }
```

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

```
.border{ border-color:rgb(66, 155, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 155, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 155, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 155, 151);  
box-shadow:4px 4px 4px 4px rgb(66, 155,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8353, 0.2450, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 155, 151) }
```

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

```
.background{ background-color: rgb(66, 155,  
151) }
```

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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