

Converting Colors

$Yxy(26.0421, 0.2397, 0.3384)$

Have a look what the booklet for
Yxy(26.0421, 0.2397, 0.3384)
contains.

Yxy(26.0380, 0.2397, 0.3383)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0380, 0.2397, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	359A95
RGB	53, 154, 149
RGB Percent	21%, 60%, 58%
CMY	0.7920, 0.3961, 0.4157
CMYK	0.66, 0.00, 0.03, 0.40
HSL	177°, 49%, 41%
HSV	177°, 66%, 60%
XYZ	18.4490, 26.0380, 32.4802
YIQ	123.2310, -58.5910, -22.9670

Conversions

Conversions Part 2

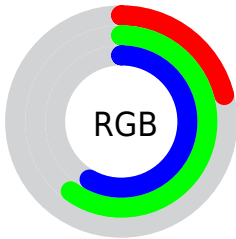
Format	Color
RYB	53, 105, 154
Decimal	3512981
CIELab	58.07, -29.78, -5.92
CIELCh	58, 30.364, 191.246
Yxy	26.0380, 0.2397, 0.3383
Android (android.graphics.Color)	4281703061 (0xFF359A95)
YUV	123.2310, 12.7041, -61.5926
Hunter-Lab	51.0274, -24.7611, -2.0203

Details

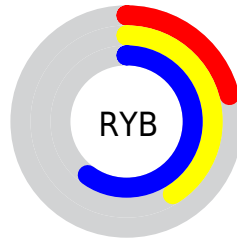
The Yxy color **26.0380, 0.2397, 0.3383** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.7264, 0.5093, 0.3224**, and the grayscale version is **19.8632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4234, 0.2548, 0.3371**, and **10.3846, 0.2278, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **25.6619, 0.2345, 0.3399**, and if you desaturate by 10%, it is **26.5504, 0.2467, 0.3367**.

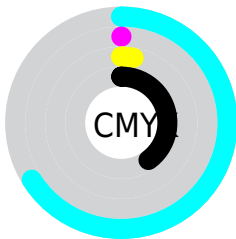
Distribution



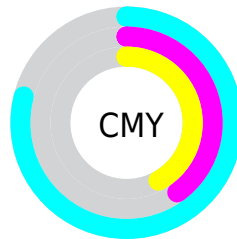
- Red (21%)
- Green (60%)
- Blue (58%)



- Red (21%)
- Yellow (41%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)





- Cyan (79%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0380, 0.2397, 0.3383 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 26.0380, 0.2397, 0.3383 by changing the saturation by 10% instead.


 26.0380, 0.2397,
0.3383


 26.0380, 0.2397,
0.3383


282.9686, 0.2790,
0.3340


 16.8521, 0.2289,
0.3392


 53.3362, 0.2547,
0.3369

 10.1291, 0.2145,
0.3401


 72.2173, 0.2601,
0.3363


 5.4846, 0.1943,
0.3409

 95.0990, 0.2646,
0.3358

 2.5343, 0.1641,
0.3408

 122.3655, 0.2684,
0.3353

 0.8938, 0.0496,
0.3621

 154.4013, 0.2716,
0.3349

 0.0000, 0.0000,
0.0000

191.5908, 0.2744,

0.3346

234.3185, 0.2769,
0.3343

■ 26.0380, 0.2397,
0.3383

■ 26.0380, 0.2397,
0.3383

■ 25.6619, 0.2345,
0.3399

■ 26.5504, 0.2467,
0.3367

■ 25.4057, 0.2311,
0.3415

■ 27.2078, 0.2555,
0.3351

■ 25.2525, 0.2294,
0.3431

■ 28.0214, 0.2660,
0.3336

■ 25.1977, 0.2288,
0.3438

■ 29.0007, 0.2778,
0.3322

■ 30.1545, 0.2908,
0.3309

■ 31.4907, 0.3047,
0.3296

■ 33.0169, 0.3192,
0.3285

■ 34.7403, 0.3341,
0.3275

■ 36.6676, 0.3491,
0.3266

Harmonies

Analogous

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



26.0380, 0.2782, 0.3885



26.0380, 0.2397, 0.3383



26.0380, 0.2208, 0.2902

Triad

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



26.0380, 0.2397, 0.3383



26.0380, 0.2907, 0.2548



26.0380, 0.4085, 0.3926

Complementary

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



26.0380, 0.2397, 0.3383



9.7264, 0.5093, 0.3224

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.



26.0380, 0.4143, 0.3543



26.0380, 0.2397, 0.3383



26.0380, 0.3430, 0.2786

Square

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



26.0380, 0.2397, 0.3383



26.0380, 0.2482, 0.2471



26.0380, 0.3898, 0.3138



26.0380, 0.3760, 0.4185

Rectangle

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



26.0380, 0.2397, 0.3383



26.0380, 0.2204, 0.2669



26.0380, 0.3898, 0.3138



26.0380, 0.4138, 0.3807

Sweetspot

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



26.0390, 0.2397, 0.3383



53.7215, 0.2844, 0.3315



24.2712, 0.3063, 0.5329



12.0376, 0.2810, 0.3319



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.



26.0390, 0.2397, 0.3383



46.3566, 0.2326, 0.3407



13.9370, 0.2148, 0.2352



7.0213, 0.2995, 0.3301



20.5305, 0.2288, 0.3437



0.3083, 0.2268, 0.3365

Inverse Universe

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



9.7264, 0.5093, 0.3224



14.3897, 0.5761, 0.3235



15.9520, 0.4617, 0.4006



6.2274, 0.3276, 0.3279



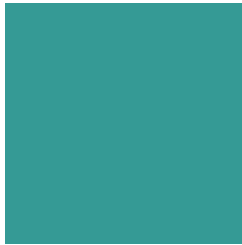
5.6125, 0.6328, 0.3260



0.0851, 0.5991, 0.3074

Previews

White Background



This preview shows how the Yxy color 26.0380, 0.2397, 0.3383 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 26.0380, 0.2397, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

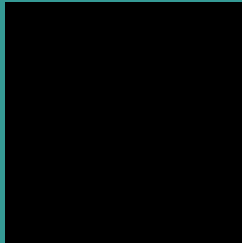
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0380, 0.2397, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 26.0380, 0.2397, 0.3383.

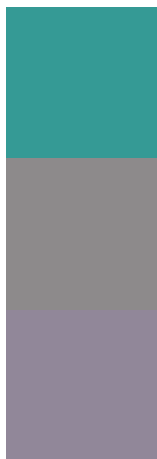


This preview shows how white text looks on a background with the Yxy color 26.0380, 0.2397, 0.3383.

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

26.0380, 0.2397, 0.3383

Protanopia

25.7038, 0.3150, 0.3273

Deuteranopia

25.6476, 0.3053, 0.3001



Tritanopia

26.0975, 0.2328, 0.3070

Trichromacy



Original Color

26.0380, 0.2397, 0.3383

Protanomaly

25.1809, 0.2789, 0.3307

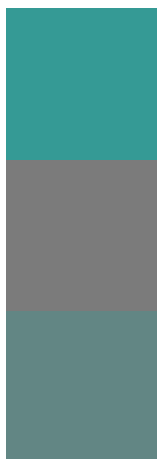
Deuteranomaly

25.0577, 0.2737, 0.3114

Tritanomaly

26.1555, 0.2349, 0.3177

Monochromacy



Original Color

26.0380, 0.2397, 0.3383

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.3128, 0.2768, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0380, 0.2397, 0.3383 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(53, 154, 149)` looks like.

```
.text, #text, p{  
    color:rgb(53, 154, 149)  
}
```

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(53, 154, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 154, 149) }
```

Border

The CSS property to change the border of an element to Yxy 26.0380, 0.2397, 0.3383 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(53, 154, 149) }
```

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

```
.border{ border-color:rgb(53, 154, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 154, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(53, 154, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(53, 154, 149); box-shadow:4px 4px 4px 4px rgb(53, 154, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0380, 0.2397, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 154, 149) }
```

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

```
.background{ background-color: rgb(53, 154,  
149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor