

Converting Colors

$Yxy(26.5003, 0.2402, 0.3489)$

Have a look what the booklet for
Yxy(26.5003, 0.2402, 0.3489)
contains.

Yxy(26.4566, 0.2400, 0.3479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4566, 0.2400, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	2F9C92
RGB	47, 156, 146
RGB Percent	18%, 61%, 57%
CMY	0.8154, 0.3882, 0.4274
CMYK	0.70, 0.00, 0.06, 0.39
HSL	174°, 54%, 40%
HSV	174°, 70%, 61%
XYZ	18.2512, 26.4566, 31.3388
YIQ	122.2690, -61.7540, -26.2180

Conversions

Conversions Part 2

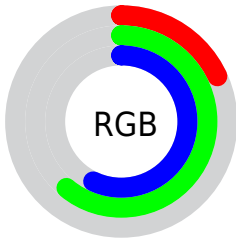
Format	Color
RYB	47, 104, 156
Decimal	3120274
CIELab	58.47, -32.52, -3.66
CIELCh	58, 32.726, 186.415
Yxy	26.4566, 0.2400, 0.3479
Android (android.graphics.Color)	4281310354 (0xFF2F9C92)
YUV	122.2690, 11.6994, -66.0109
Hunter-Lab	51.4360, -26.6753, -0.1189

Details

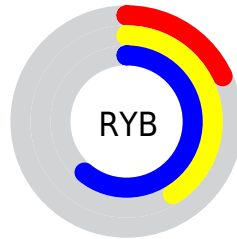
The Yxy color **26.4566, 0.2400, 0.3479** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.4022, 0.5200, 0.3160**, and the grayscale version is **19.5372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0099, 0.2550, 0.3440**, and **10.7452, 0.2310, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **26.1060, 0.2359, 0.3510**, and if you desaturate by 10%, it is **26.9423, 0.2460, 0.3448**.

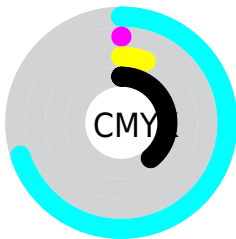
Distribution



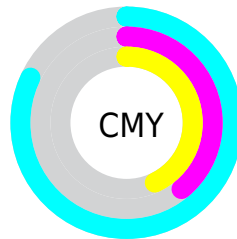
- Red (18%)
- Green (61%)
- Blue (57%)



- Red (18%)
- Yellow (41%)
- Blue (61%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (39%)





- Cyan (82%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4566, 0.2400, 0.3479 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 26.4566, 0.2400, 0.3479 by changing the saturation by 10% instead.


 26.4566, 0.2400,
0.3479


 26.4566, 0.2400,
0.3479


285.0164, 0.2792,
0.3382


 17.1655, 0.2292,
0.3504


 54.0106, 0.2549,
0.3443

 10.3526, 0.2148,
0.3535


 73.0424, 0.2603,
0.3430

 5.6334, 0.1946,
0.3576

 96.0899, 0.2648,
0.3419

 2.6234, 0.1644,
0.3629

 123.5374, 0.2686,
0.3409

 0.9385, 0.0414,
0.3999

 155.7694, 0.2718,
0.3401

 0.0000, 0.0000,
0.0000

193.1703, 0.2746,

0.3394

236.1245, 0.2770,
0.3387

■ 26.4566, 0.2400,
0.3479

■ 26.4566, 0.2400,
0.3479

■ 26.1060, 0.2359,
0.3510

■ 26.9423, 0.2460,
0.3448

■ 25.8727, 0.2336,
0.3540

■ 27.5729, 0.2537,
0.3418

■ 25.7222, 0.2326,
0.3571

■ 28.3605, 0.2632,
0.3389

■ 25.7198, 0.2325,
0.3571

■ 29.3153, 0.2741,
0.3362

■ 30.4465, 0.2862,
0.3336

■ 31.7627, 0.2992,
0.3312

■ 33.2719, 0.3130,
0.3290

■ 34.9817, 0.3271,
0.3270

■ 36.8992, 0.3414,
0.3252

Harmonies

Analogous

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



26.4566, 0.2836, 0.4005



26.4566, 0.2400, 0.3479



26.4566, 0.2164, 0.2944

Triad

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



26.4566, 0.2400, 0.3479



26.4566, 0.2807, 0.2476



26.4566, 0.4183, 0.3904

Complementary

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



26.4566, 0.2400, 0.3479



9.4022, 0.5200, 0.3160

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.



26.4566, 0.4196, 0.3485



26.4566, 0.2400, 0.3479



26.4566, 0.3359, 0.2703

Square

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



26.4566, 0.2400, 0.3479



26.4566, 0.2383, 0.2423



26.4566, 0.3885, 0.3060



26.4566, 0.3872, 0.4216

Rectangle

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



26.4566, 0.2400, 0.3479



26.4566, 0.2136, 0.2675



26.4566, 0.3885, 0.3060



26.4566, 0.4224, 0.3770

Sweetspot

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



26.4576, 0.2400, 0.3479



54.9528, 0.2842, 0.3340



24.8805, 0.3090, 0.5435



11.9733, 0.2810, 0.3346



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.



26.4576, 0.2400, 0.3479



47.1458, 0.2343, 0.3528



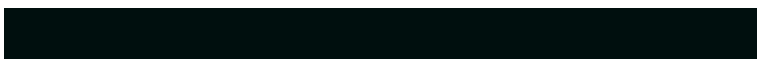
14.6887, 0.2123, 0.2396



7.4990, 0.3000, 0.3310



21.1884, 0.2325, 0.3569



0.3816, 0.2291, 0.3446

Inverse Universe

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



9.4022, 0.5200, 0.3160



14.1216, 0.5865, 0.3188



14.6942, 0.4819, 0.3948



6.6555, 0.3270, 0.3270



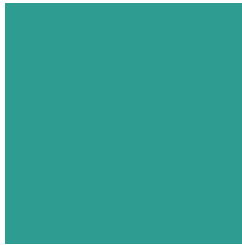
5.8511, 0.6269, 0.3227



0.1072, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 26.4566, 0.2400, 0.3479 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 26.4566, 0.2400, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

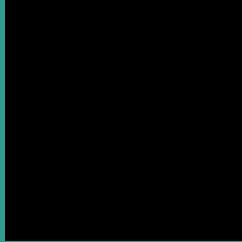
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4566, 0.2400, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 26.4566, 0.2400, 0.3479.



This preview shows how white text looks on a background with the Yxy color 26.4566, 0.2400, 0.3479.

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

26.4566, 0.2400, 0.3479

Protanopia

26.0825, 0.3202, 0.3340

Deuteranopia

26.1062, 0.3116, 0.3067



Tritanopia

26.4352, 0.2312, 0.3053

Trichromacy



Original Color

26.4566, 0.2400, 0.3479

Protanomaly

25.3324, 0.2807, 0.3379

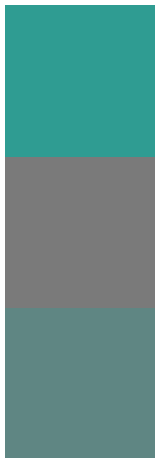
Deuteranomaly

25.1944, 0.2755, 0.3183

Tritanomaly

26.3987, 0.2340, 0.3196

Monochromacy



Original Color

26.4566, 0.2400, 0.3479

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

21.1218, 0.2748, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4566, 0.2400, 0.3479 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(47, 156, 146)` looks like.

```
.text, #text, p{  
  color:rgb(47, 156, 146)  
}
```

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(47, 156, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 156, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.4566, 0.2400, 0.3479 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(47, 156, 146) }
```

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

```
.border{ border-color:rgb(47, 156, 146) }
```

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

Here you see how a box with a 4 pixel rgb(47, 156, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 156, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 156, 146);  
box-shadow:4px 4px 4px 4px rgb(47, 156,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4566, 0.2400, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 156, 146) }
```

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

```
.background{ background-color: rgb(47, 156,  
146) }
```

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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