

Converting Colors

$Yxy(26.0412, 0.2433, 0.3344)$

Have a look what the booklet for
Yxy(26.0412, 0.2433, 0.3344)
contains.

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Color

Yxy(26.0412, 0.2433, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	3F9996
RGB	63, 153, 150
RGB Percent	25%, 60%, 59%
CMY	0.7529, 0.4000, 0.4117
CMYK	0.59, 0.00, 0.02, 0.40
HSL	178°, 42%, 42%
HSV	178°, 59%, 60%
XYZ	18.9468, 26.0412, 32.8864
YIQ	125.7480, -52.6770, -20.0130

Conversions

Conversions Part 2

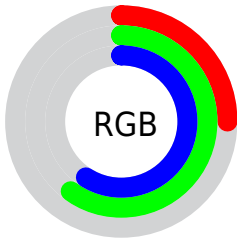
Format	Color
R _Y B	63, 109, 153
Decimal	4168086
CIE Lab	58.08, -27.21, -6.47
CIE LCh	58, 27.972, 193.376
Yxy	26.0412, 0.2433, 0.3344
Android (android.graphics.Color)	4282358166 (0xFF3F9996)
YUV	125.7480, 11.9562, -55.0300
Hunter-Lab	51.0306, -23.0293, -2.4877

Details

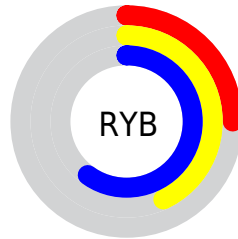
The Yxy color **26.0412, 0.2433, 0.3344** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.7213, 0.4817, 0.3248**, and the grayscale version is **20.7472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4645, 0.2576, 0.3343**, and **10.2082, 0.2262, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **25.5902, 0.2368, 0.3355**, and if you desaturate by 10%, it is **26.6343, 0.2516, 0.3334**.

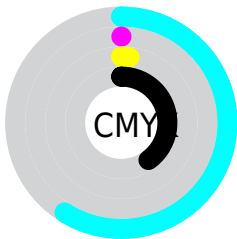
Distribution



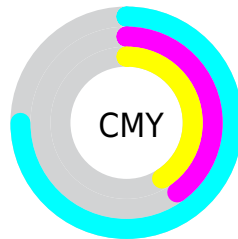
- Red (25%)
- Green (60%)
- Blue (59%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)




- Cyan (75%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0412, 0.2433, 0.3344 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 26.0412, 0.2433, 0.3344 by changing the saturation by 10% instead.


 26.0412, 0.2433,
0.3344


 26.0412, 0.2433,
0.3344


282.9843, 0.2807,
0.3322


 16.8545, 0.2330,
0.3347


 53.3414, 0.2576,
0.3338

 10.1308, 0.2193,
0.3348


 72.2237, 0.2627,
0.3335


 5.4858, 0.2000,
0.3346

 95.1066, 0.2670,
0.3332

 2.5350, 0.1711,
0.3329

 122.3745, 0.2706,
0.3330

 0.8941, 0.0718,
0.3461

 154.4118, 0.2737,
0.3327

 0.0000, 0.0000,
0.0000

191.6029, 0.2763,

0.3325

234.3323, 0.2786,
0.3324

■ 26.0412, 0.2433,
0.3344

■ 26.0412, 0.2433,
0.3344

■ 25.5902, 0.2368,
0.3355

■ 26.6343, 0.2516,
0.3334

■ 25.2663, 0.2321,
0.3365

■ 27.3770, 0.2617,
0.3324

■ 25.0566, 0.2291,
0.3376

■ 28.2799, 0.2732,
0.3314

■ 24.9320, 0.2276,
0.3386

■ 29.3518, 0.2861,
0.3305

■ 24.9184, 0.2274,
0.3388

■ 30.6007, 0.2999,
0.3297

■ 32.0342, 0.3145,
0.3289

■ 33.6595, 0.3295,
0.3282

■ 35.4835, 0.3447,
0.3276

■ 37.5124, 0.3599,
0.3271

Harmonies

Analogous

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



26.0412, 0.2781, 0.3806



26.0412, 0.2433, 0.3344



26.0412, 0.2269, 0.2909

Triad

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



26.0412, 0.2433, 0.3344



26.0412, 0.2958, 0.2612



26.0412, 0.3998, 0.3905

Complementary

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



26.0412, 0.2433, 0.3344



10.7213, 0.4817, 0.3248

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.



26.0412, 0.4068, 0.3557



26.0412, 0.2433, 0.3344



26.0412, 0.3442, 0.2843

Square

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



26.0412, 0.2433, 0.3344



26.0412, 0.2554, 0.2530



26.0412, 0.3861, 0.3178



26.0412, 0.3687, 0.4125

Rectangle

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



26.0412, 0.2433, 0.3344



26.0412, 0.2275, 0.2699



26.0412, 0.3861, 0.3178



26.0412, 0.4052, 0.3798

Sweetspot

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



26.0422, 0.2433, 0.3344



52.6616, 0.2867, 0.3305



24.3003, 0.3063, 0.5120



11.5064, 0.2831, 0.3307



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.0422, 0.2433, 0.3344



45.5953, 0.2349, 0.3358



14.7264, 0.2230, 0.2435



7.0230, 0.2993, 0.3297



20.5953, 0.2274, 0.3387



0.3088, 0.2261, 0.3339

Inverse Universe

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



10.7213, 0.4817, 0.3248



15.4744, 0.5441, 0.3250



17.2352, 0.4403, 0.3976



6.2258, 0.3278, 0.3283



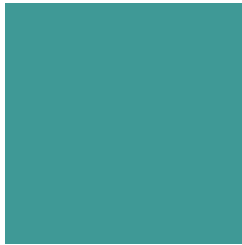
5.6074, 0.6352, 0.3273



0.0846, 0.6119, 0.3144

Previews

White Background



This preview shows how the Yxy color 26.0412, 0.2433, 0.3344 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 26.0412, 0.2433, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

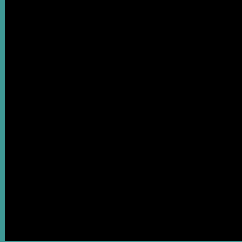
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0412, 0.2433, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 26.0412, 0.2433, 0.3344.



This preview shows how white text looks on a background with the Yxy color 26.0412, 0.2433, 0.3344.

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

26.0412, 0.2433, 0.3344

Protanopia

25.6755, 0.3119, 0.3240

Deuteranopia

25.6808, 0.3043, 0.2986



Tritanopia

26.0065, 0.2369, 0.3071

Trichromacy



Original Color

26.0412, 0.2433, 0.3344

Protanomaly

25.1033, 0.2807, 0.3271

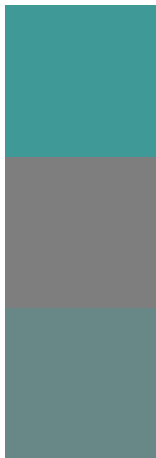
Deuteranomaly

25.2907, 0.2756, 0.3099

Tritanomaly

26.0833, 0.2394, 0.3178

Monochromacy



Original Color

26.0412, 0.2433, 0.3344

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.2412, 0.2792, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0412, 0.2433, 0.3344 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(63, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 150)  
}
```

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(63, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.0412, 0.2433, 0.3344 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(63, 153, 150) }
```

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

```
.border{ border-color:rgb(63, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
150) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.0412, 0.2433, 0.3344$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 150) }
```

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

```
.background{ background-color: rgb(63, 153,  
150) }
```

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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