

Converting Colors

$Yxy(26.6684, 0.2542, 0.3433)$

Have a look what the booklet for
Yxy(26.6684, 0.2542, 0.3433)
contains.

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Color

$Y_{xy}(26.7643, 0.2543, 0.3436)$

Conversions

Conversions Part 1

Format	Color
Hex	4D9A92
RGB	77, 154, 146
RGB Percent	30%, 60%, 57%
CMY	0.6978, 0.3961, 0.4274
CMYK	0.50, 0.00, 0.05, 0.40
HSL	174°, 33%, 45%
HSV	174°, 50%, 60%
XYZ	19.8084, 26.7643, 31.3211
YIQ	130.0650, -43.3240, -18.8120

Conversions

Conversions Part 2

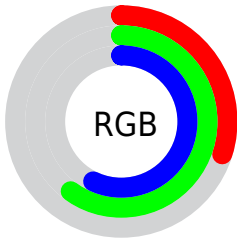
Format	Color
R_{YB}	77, 118, 154
Decimal	5085842
CIE _{Lab}	58.76, -25.78, -3.14
CIE _{LCh}	59, 25.970, 186.936
Yxy	26.7643, 0.2543, 0.3436
Android (android.graphics.Color)	4283275922 (0xFF4D9A92)
YUV	130.0650, 7.8560, -46.5380
Hunter-Lab	51.7342, -22.1895, 0.3184

Details

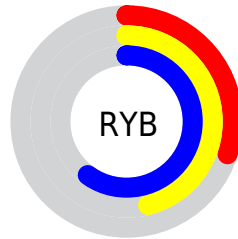
The Yxy color **26.7643, 0.2543, 0.3436** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.8416, 0.4339, 0.3162**, and the grayscale version is **22.3359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6766, 0.2665, 0.3410**, and **10.4406, 0.2333, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **26.1489, 0.2466, 0.3470**, and if you desaturate by 10%, it is **27.5342, 0.2636, 0.3403**.

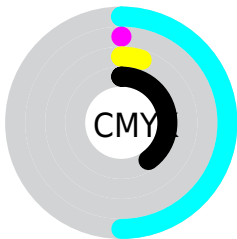
Distribution



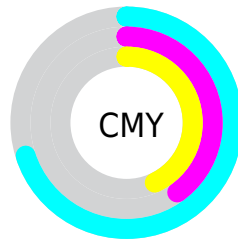
- Red (30%)
- Green (60%)
- Blue (57%)



- Red (30%)
- Yellow (46%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)




- Cyan (70%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7643, 0.2543, 0.3436 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 26.7643, 0.2543, 0.3436 by changing the saturation by 10% instead.


 26.7643, 0.2543,
0.3436


 26.7643, 0.2543,
0.3436


286.5141, 0.2858,
0.3360


 17.3963, 0.2456,
0.3456


 54.5054, 0.2664,
0.3408

 10.5174, 0.2338,
0.3481


 73.6473, 0.2707,
0.3398


 5.7434, 0.2172,
0.3515

 96.8159, 0.2743,
0.3389

 2.6897, 0.1921,
0.3561

 124.3957, 0.2773,
0.3381

 0.9719, 0.1135,
0.3777

 156.7710, 0.2799,
0.3375

 0.0000, 0.0000,
0.0000

194.3262, 0.2822,

0.3369

237.4458, 0.2841,
0.3365

■ 26.7643, 0.2543,
0.3436

■ 26.7643, 0.2543,
0.3436

■ 26.1489, 0.2466,
0.3470

■ 27.5342, 0.2636,
0.3403

■ 25.6740, 0.2408,
0.3505

■ 28.4651, 0.2744,
0.3372

■ 25.3283, 0.2368,
0.3540


■ 29.5673, 0.2863,
0.3342

■ 25.0973, 0.2345,
0.3575

■ 30.8490, 0.2992,
0.3315


■ 24.9456, 0.2336,
0.3610


■ 32.3179, 0.3128,
0.3290

 24.9451, 0.2336,
0.3610

 33.9814, 0.3267,
0.3267

 35.8464, 0.3409,
0.3247

 37.9196, 0.3549,
0.3229

 40.2071, 0.3688,
0.3213

Harmonies

Analogous

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



26.7643, 0.2896, 0.3839



26.7643, 0.2543, 0.3436



26.7643, 0.2350, 0.3019

Triad

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



26.7643, 0.2543, 0.3436



26.7643, 0.2883, 0.2632



26.7643, 0.3964, 0.3799

Complementary

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



26.7643, 0.2543, 0.3436



12.8416, 0.4339, 0.3162

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.



26.7643, 0.3972, 0.3466



26.7643, 0.2543, 0.3436



26.7643, 0.3322, 0.2820

Square

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



26.7643, 0.2543, 0.3436



26.7643, 0.2535, 0.2591



26.7643, 0.3732, 0.3117



26.7643, 0.3721, 0.4032

Rectangle

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



26.7643, 0.2543, 0.3436



26.7643, 0.2327, 0.2802



26.7643, 0.3732, 0.3117



26.7643, 0.3996, 0.3695

Sweetspot

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



26.7653, 0.2543, 0.3436



54.7593, 0.2922, 0.3329



25.6261, 0.3131, 0.4794



12.2929, 0.2897, 0.3335



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.



26.7653, 0.2543, 0.3436



47.3845, 0.2458, 0.3474



18.4544, 0.2381, 0.2718



7.0155, 0.3002, 0.3313



20.3280, 0.2335, 0.3607



0.3067, 0.2292, 0.3451

Inverse Universe

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



12.8416, 0.4339, 0.3162



19.0950, 0.4792, 0.3144



17.8277, 0.4218, 0.3783



6.2326, 0.3268, 0.3267



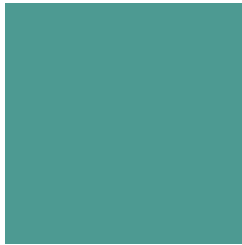
5.6304, 0.6246, 0.3214



0.0866, 0.5617, 0.2868

Previews

White Background



This preview shows how the Yxy color 26.7643, 0.2543, 0.3436 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 26.7643, 0.2543, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

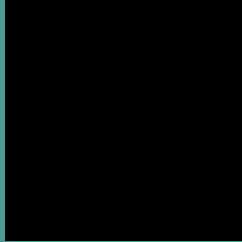
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7643, 0.2543, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 26.7643, 0.2543, 0.3436.

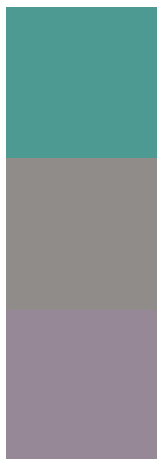


This preview shows how white text looks on a background with the Yxy color 26.7643, 0.2543, 0.3436.

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

26.7643, 0.2543, 0.3436

Protanopia

26.5204, 0.3191, 0.3323

Deuteranopia

26.2944, 0.3138, 0.3068



Tritanopia

26.6526, 0.2449, 0.3059

Trichromacy



Original Color

26.7643, 0.2543, 0.3436

Protanomaly

26.1670, 0.2911, 0.3359

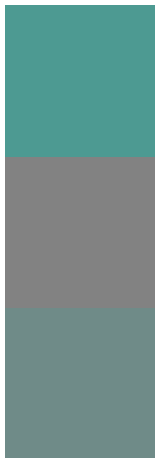
Deuteranomaly

26.0258, 0.2867, 0.3187

Tritanomaly

26.6401, 0.2486, 0.3198

Monochromacy



Original Color

26.7643, 0.2543, 0.3436

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.6223, 0.2864, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7643, 0.2543, 0.3436 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(77, 154, 146)` looks like.

```
.text, #text, p{  
  color:rgb(77, 154, 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(77, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 154, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.7643, 0.2543, 0.3436 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(77, 154, 146) }
```

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

```
.border{ border-color:rgb(77, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(77, 154,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7643, 0.2543, 0.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 154, 146) }
```

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

```
.background{ background-color: rgb(77, 154,  
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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