

Converting Colors

$Y_{xy}(26.6753, 0.2603, 0.3897)$

Have a look what the booklet for
Yxy(26.6753, 0.2603, 0.3897)
contains.

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Color

$\text{Yxy}(26.6444, 0.2604, 0.3896)$

Conversions

Conversions Part 1

Format	Color
Hex	3E9D7E
RGB	62, 157, 126
RGB Percent	24%, 62%, 49%
CMY	0.7568, 0.3843, 0.5060
CMYK	0.61, 0.00, 0.20, 0.38
HSL	160°, 43%, 43%
HSV	160°, 61%, 62%
XYZ	17.8085, 26.6444, 23.9362
YIQ	125.0610, -46.6690, -29.7810

Conversions

Conversions Part 2

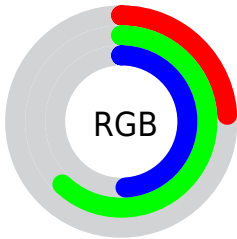
Format	Color
RYB	62, 119, 157
Decimal	4103550
CIELab	58.64, -35.63, 7.99
CIELCh	59, 36.515, 167.360
Yxy	26.6444, 0.2604, 0.3896
Android (android.graphics.Color)	4282293630 (0xFF3E9D7E)
YUV	125.0610, 0.4629, -55.3045
Hunter-Lab	51.6182, -28.7485, 8.6390

Details

The Yxy color **26.6444, 0.2604, 0.3896** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.4051, 0.4331, 0.2806**, and the grayscale version is **20.5404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2636, 0.2717, 0.3753**, and **10.6390, 0.2480, 0.4129** is the 20% darker color. If you saturate the color by 10%, you get **26.0801, 0.2563, 0.4017**, and if you desaturate by 10%, it is **27.3642, 0.2662, 0.3779**.

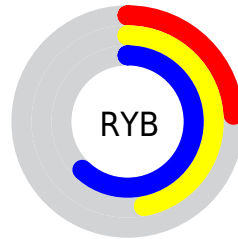
Distribution



Red (24%)

Green (62%)

Blue (49%)



Red (24%)

Yellow (47%)

Blue (62%)

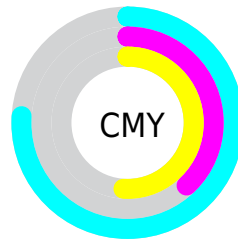


Cyan (61%)

Magenta (0%)

Yellow (20%)

Black (38%)



Cyan (76%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6444, 0.2604, 0.3896 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 26.6444, 0.2604, 0.3896 by changing the saturation by 10% instead.


 26.6444, 0.2604,
0.3896


 26.6444, 0.2604,
0.3896


285.9312, 0.2894,
0.3554


 17.3063, 0.2520,
0.3998


 54.3127, 0.2717,
0.3761


 10.4531, 0.2405,
0.4140


 73.4118, 0.2757,
0.3713


 5.7004, 0.2238,
0.4352

 96.5332, 0.2790,
0.3675

 2.6638, 0.1972,
0.4701

 124.0616, 0.2818,
0.3642

 0.9588, 0.0268,
0.6471

 156.3811, 0.2841,
0.3615

 0.0000, 0.0000,
0.0000

193.8763, 0.2861,

0.3592

236.9316, 0.2879,
0.3572

■ 26.6444, 0.2604,
0.3896

■ 26.6444, 0.2604,
0.3896

■ 26.0801, 0.2563,
0.4017

■ 27.3642, 0.2662,
0.3779

■ 25.6551, 0.2541,
0.4140

■ 28.2480, 0.2735,
0.3666

■ 25.3549, 0.2539,
0.4263

■ 29.3071, 0.2821,
0.3561

■ 25.1503, 0.2550,
0.4378

■ 30.5513, 0.2915,
0.3464

■ 31.9893, 0.3017,
0.3375

■ 33.6295, 0.3122,
0.3294

■ 35.4796, 0.3229,
0.3221

■ 37.5469, 0.3336,
0.3157

■ 39.8385, 0.3441,
0.3100

Harmonies

Analogous

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



26.6444, 0.3174, 0.4337



26.6444, 0.2604, 0.3896



26.6444, 0.2200, 0.3264

Triad

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



26.6444, 0.2604, 0.3896



26.6444, 0.2451, 0.2334



26.6444, 0.4354, 0.3668

Complementary

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



26.6444, 0.2604, 0.3896



11.4051, 0.4331, 0.2806

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.



26.6444, 0.4135, 0.3196



26.6444, 0.2604, 0.3896



26.6444, 0.2982, 0.2467

Square

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



26.6444, 0.2604, 0.3896



26.6444, 0.2125, 0.2411



26.6444, 0.3611, 0.2772



26.6444, 0.4202, 0.4107

Rectangle

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



26.6444, 0.2604, 0.3896



26.6444, 0.2063, 0.2882



26.6444, 0.3611, 0.2772



26.6444, 0.4322, 0.3510

Sweetspot

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



26.6455, 0.2604, 0.3896



55.2379, 0.2937, 0.3444



26.8255, 0.3295, 0.5047



12.0094, 0.2910, 0.3469



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.



26.6455, 0.2604, 0.3896



46.3792, 0.2552, 0.4065



22.5589, 0.2334, 0.2988



7.4726, 0.3030, 0.3364



20.4325, 0.2547, 0.4369



0.3728, 0.2412, 0.3883

Inverse Universe

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



11.4051, 0.4331, 0.2806



16.5710, 0.4790, 0.2760



12.9422, 0.4783, 0.3540



6.6801, 0.3235, 0.3217



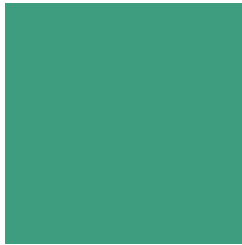
6.0241, 0.5615, 0.2867



0.1150, 0.4605, 0.2310

Previews

White Background



This preview shows how the Yxy color 26.6444, 0.2604, 0.3896 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 26.6444, 0.2604, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

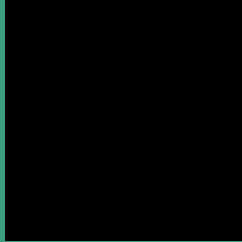
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6444, 0.2604, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 26.6444, 0.2604, 0.3896.



This preview shows how white text looks on a background with the Yxy color 26.6444, 0.2604, 0.3896.

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

26.6444, 0.2604, 0.3896

Protanopia

26.3364, 0.3457, 0.3671

Deuteranopia

26.1347, 0.3422, 0.3354



Tritanopia

26.6733, 0.2410, 0.3075

Trichromacy



Original Color

26.6444, 0.2604, 0.3896

Protanomaly

25.6957, 0.3074, 0.3761

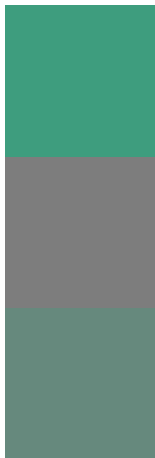
Deuteranomaly

25.3675, 0.3042, 0.3538

Tritanomaly

26.6528, 0.2480, 0.3362

Monochromacy



Original Color

26.6444, 0.2604, 0.3896

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.1968, 0.2875, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6444, 0.2604, 0.3896 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(62, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(62, 157, 126)  
}
```

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(62, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 157, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.6444, 0.2604, 0.3896 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(62, 157, 126) }
```

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

```
.border{ border-color:rgb(62, 157, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(62, 157,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6444, 0.2604, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 157, 126) }
```

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

```
.background{ background-color: rgb(62, 157,  
126) }
```

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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