

Converting Colors

$Y_{xy}(27.6216, 0.2525, 0.3388)$

Have a look what the booklet for
Yxy(27.6216, 0.2525, 0.3388)
contains.

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Color

$Y_{xy}(27.6310, 0.2521, 0.3379)$

Conversions

Conversions Part 1

Format	Color
Hex	4E9C97
RGB	78, 156, 151
RGB Percent	31%, 61%, 59%
CMY	0.6942, 0.3882, 0.4078
CMYK	0.50, 0.00, 0.03, 0.39
HSL	176°, 33%, 46%
HSV	176°, 50%, 61%
XYZ	20.6149, 27.6310, 33.5268
YIQ	132.1080, -44.8830, -18.0910

Conversions

Conversions Part 2

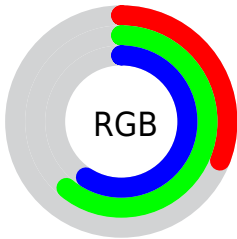
Format	Color
R_{YB}	78, 118, 156
Decimal	5151895
CIE _{Lab}	59.55, -25.25, -4.79
CIE _{LCh}	60, 25.701, 190.738
Yxy	27.6310, 0.2521, 0.3379
Android (android.graphics.Color)	4283341975 (0xFF4E9C97)
YUV	132.1080, 9.3138, -47.4527
Hunter-Lab	52.5652, -21.9854, -1.0203

Details

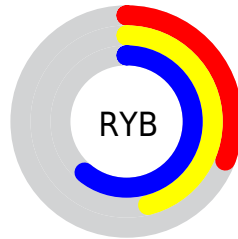
The Yxy color **27.6310, 0.2521, 0.3379** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.1380, 0.4400, 0.3212**, and the grayscale version is **23.0918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9829, 0.2646, 0.3368**, and **10.9141, 0.2314, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **27.0174, 0.2442, 0.3400**, and if you desaturate by 10%, it is **28.4034, 0.2617, 0.3359**.

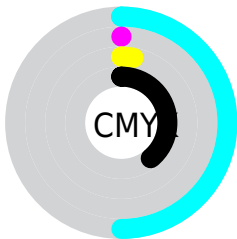
Distribution



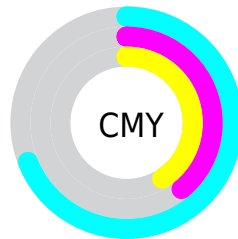
- Red (31%)
- Green (61%)
- Blue (59%)



- Red (31%)
- Yellow (46%)
- Blue (61%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)





- Cyan (69%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.6310, 0.2521, 0.3379 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 27.6310, 0.2521, 0.3379 by changing the saturation by 10% instead.


 27.6310, 0.2521,
0.3379


 27.6310, 0.2521,
0.3379


290.6995, 0.2846,
0.3336

 18.0477, 0.2432,
0.3389


 55.8948, 0.2645,
0.3364

 10.9842, 0.2314,
0.3400


 75.3440, 0.2689,
0.3358

 6.0562, 0.2147,
0.3414

 98.8507, 0.2726,
0.3353

 2.8793, 0.1898,
0.3427

 126.7992, 0.2758,
0.3349

 1.0690, 0.1277,
0.3512

 159.5740, 0.2785,
0.3345

 0.0000, 0.0000,
0.0000

197.5593, 0.2808,

0.3342

241.1397, 0.2828,
0.3339

■ 27.6310, 0.2521,
0.3379

■ 27.6310, 0.2521,
0.3379

■ 27.0174, 0.2442,
0.3400

■ 28.4034, 0.2617,
0.3359

■ 26.5480, 0.2381,
0.3421

■ 29.3414, 0.2728,
0.3340

■ 26.2112, 0.2338,
0.3442

■ 30.4554, 0.2852,
0.3322

■ 25.9921, 0.2313,
0.3463

■ 31.7539, 0.2986,
0.3305

■ 25.8544, 0.2301,
0.3483

■ 33.2451, 0.3127,
0.3290

■ 34.9364, 0.3272,
0.3276

■ 36.8351, 0.3420,
0.3264

■ 38.9479, 0.3568,
0.3253

■ 41.2813, 0.3713,
0.3243

Harmonies

Analogous

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



27.6310, 0.2851, 0.3783



27.6310, 0.2521, 0.3379



27.6310, 0.2354, 0.2980

Triad

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



27.6310, 0.2521, 0.3379



27.6310, 0.2940, 0.2660



27.6310, 0.3928, 0.3826

Complementary

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



27.6310, 0.2521, 0.3379



13.1380, 0.4400, 0.3212

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.



27.6310, 0.3968, 0.3507



27.6310, 0.2521, 0.3379



27.6310, 0.3374, 0.2861

Square

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



27.6310, 0.2521, 0.3379



27.6310, 0.2582, 0.2600



27.6310, 0.3760, 0.3162



27.6310, 0.3667, 0.4033

Rectangle

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



27.6310, 0.2521, 0.3379



27.6310, 0.2348, 0.2779



27.6310, 0.3760, 0.3162



27.6310, 0.3969, 0.3728

Sweetspot

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



27.6321, 0.2521, 0.3379



56.3818, 0.2914, 0.3314



26.1757, 0.3097, 0.4813



12.3071, 0.2888, 0.3317



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.



27.6321, 0.2521, 0.3379



48.9543, 0.2434, 0.3402



17.9857, 0.2365, 0.2638



7.5021, 0.2996, 0.3304



21.2964, 0.2301, 0.3482



0.3828, 0.2277, 0.3398

Inverse Universe

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



13.1380, 0.4400, 0.3212



19.5405, 0.4870, 0.3203



19.1600, 0.4186, 0.3846



6.6527, 0.3274, 0.3276



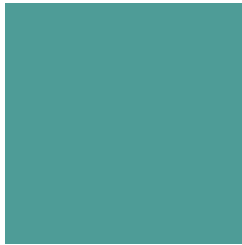
5.8419, 0.6310, 0.3250



0.1062, 0.5901, 0.3025

Previews

White Background



This preview shows how the Yxy color 27.6310, 0.2521, 0.3379 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 27.6310, 0.2521, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

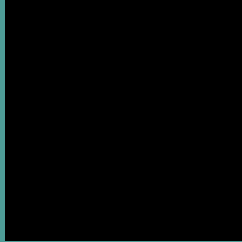
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.6310, 0.2521, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 27.6310, 0.2521, 0.3379.

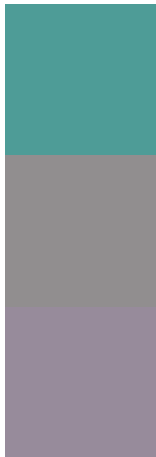


This preview shows how white text looks on a background with the Yxy color 27.6310, 0.2521, 0.3379.

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

27.6310, 0.2521, 0.3379

Protanopia

27.3489, 0.3149, 0.3274

Deuteranopia

27.4111, 0.3096, 0.3041



Tritanopia

27.7034, 0.2446, 0.3079

Trichromacy



Original Color

27.6310, 0.2521, 0.3379

Protanomaly

27.0077, 0.2878, 0.3306

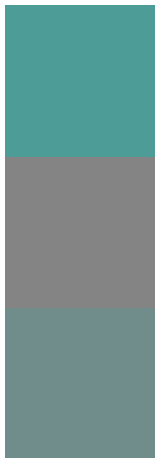
Deuteranomaly

26.8690, 0.2835, 0.3138

Tritanomaly

27.7652, 0.2470, 0.3182

Monochromacy



Original Color

27.6310, 0.2521, 0.3379

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.3586, 0.2849, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.6310, 0.2521, 0.3379 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(78, 156, 151)` looks like.

```
.text, #text, p{  
    color:rgb(78, 156, 151)  
}
```

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(78, 156, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 156, 151) }
```

Border

The CSS property to change the border of an element to Yxy 27.6310, 0.2521, 0.3379 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(78, 156, 151) }
```

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

```
.border{ border-color:rgb(78, 156, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 156, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 156, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 156, 151);  
box-shadow:4px 4px 4px 4px rgb(78, 156,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 27.6310, 0.2521, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 156, 151) }
```

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

```
.background{ background-color: rgb(78, 156,  
151) }
```

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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