

Converting Colors

$Yxy(28.5264, 0.2436, 0.3841)$

Have a look what the booklet for
Yxy(28.5264, 0.2436, 0.3841)
contains.

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Color

Yxy(28.5069, 0.2438, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	19A487
RGB	25, 164, 135
RGB Percent	10%, 64%, 53%
CMY	0.9024, 0.3568, 0.4706
CMYK	0.85, 0.00, 0.18, 0.36
HSL	167°, 74%, 37%
HSV	167°, 85%, 64%
XYZ	18.0472, 28.5069, 27.4706
YIQ	119.1330, -73.5350, -38.4870

Conversions

Conversions Part 2

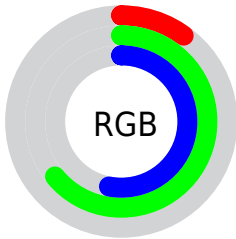
Format	Color
R _Y B	25, 103, 164
Decimal	1680519
CIE Lab	60.34, -41.69, 5.25
CIE LCh	60, 42.016, 172.820
Yxy	28.5069, 0.2438, 0.3851
Android (android.graphics.Color)	4279870599 (0xFF19A487)
YUV	119.1330, 7.8224, -82.5546
Hunter-Lab	53.3919, -33.1002, 6.8691

Details

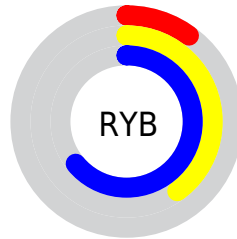
The Yxy color **28.5069, 0.2438, 0.3851** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8.8498, 0.5533, 0.3000**, and the grayscale version is **18.4754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4139, 0.2584, 0.3736**, and **12.0248, 0.2451, 0.4025** is the 20% darker color. If you saturate the color by 10%, you get **28.2626, 0.2433, 0.3926**, and if you desaturate by 10%, it is **28.8781, 0.2461, 0.3776**.

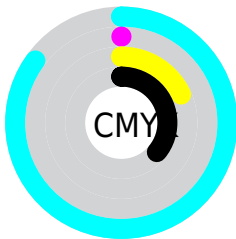
Distribution



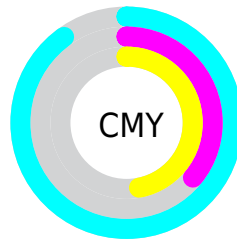
- Red (10%)
- Green (64%)
- Blue (53%)



- Red (10%)
- Yellow (40%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)




- Cyan (90%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5069, 0.2438, 0.3851 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 28.5069, 0.2438, 0.3851 by changing the saturation by 10% instead.


 28.5069, 0.2438,
0.3851


 28.5069, 0.2438,
0.3851


 294.8812, 0.2812,
0.3541


 18.7081, 0.2334,
0.3940


 57.2927, 0.2581,
0.3730


 11.4596, 0.2194,
0.4062


 77.0485, 0.2633,
0.3687

 6.3768, 0.1997,
0.4239


 100.8922, 0.2676,
0.3652

 3.0755, 0.1698,
0.4519

 129.2080, 0.2711,
0.3623

 1.1713, 0.0334,
0.5520

 162.3804, 0.2742,
0.3598

 0.0381, 0.0000,
1.0000

 200.7938, 0.2769,

 0.0000, 0.0000,

0.3576

0.0000

244.8326, 0.2792,
0.3557

■ 28.5069, 0.2438,
0.3851

■ 28.5069, 0.2438,
0.3851

■ 28.2626, 0.2433,
0.3926

■ 28.8781, 0.2461,
0.3776

■ 28.1599, 0.2435,
0.3965

■ 29.3922, 0.2502,
0.3701

■ 30.0656, 0.2563,
0.3628

■ 30.9121, 0.2640,
0.3557

■ 31.9435, 0.2731,
0.3489

■ 33.1709, 0.2835,
0.3426

■ 34.6044, 0.2948,
0.3368

■ 36.2534, 0.3068,
0.3314

■ 38.1267, 0.3192,
0.3265

Harmonies

Analogous

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



28.5069, 0.3046, 0.4422



28.5069, 0.2438, 0.3851



28.5069, 0.2041, 0.3127

Triad

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



28.5069, 0.2438, 0.3851



28.5069, 0.2464, 0.2243



28.5069, 0.4501, 0.3789

Complementary

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



28.5069, 0.2438, 0.3851



8.8498, 0.5533, 0.3000

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.



28.5069, 0.4338, 0.3268



28.5069, 0.2438, 0.3851



28.5069, 0.3086, 0.2428

Square

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



28.5069, 0.2438, 0.3851



28.5069, 0.2063, 0.2277



28.5069, 0.3793, 0.2790



28.5069, 0.4252, 0.4266

Rectangle

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



28.5069, 0.2438, 0.3851



28.5069, 0.1928, 0.2725



28.5069, 0.3793, 0.2790



28.5069, 0.4495, 0.3615

Sweetspot

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



28.5080, 0.2438, 0.3851



60.0485, 0.2828, 0.3430



27.4366, 0.3139, 0.5730



12.9587, 0.2793, 0.3451



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.5080, 0.2438, 0.3851



51.0788, 0.2438, 0.3978



17.4505, 0.2067, 0.2508



7.9858, 0.3014, 0.3337



21.5966, 0.2433, 0.3957



0.4598, 0.2358, 0.3687

Inverse Universe

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



8.8498, 0.5533, 0.3000



14.5132, 0.6073, 0.3119



11.6653, 0.5547, 0.3732



7.1090, 0.3254, 0.3243



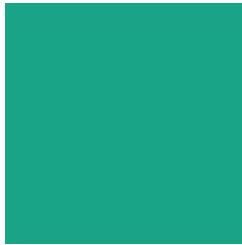
6.1469, 0.6010, 0.3084



0.1353, 0.5123, 0.2596

Previews

White Background



This preview shows how the Yxy color 28.5069, 0.2438, 0.3851 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 28.5069, 0.2438, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

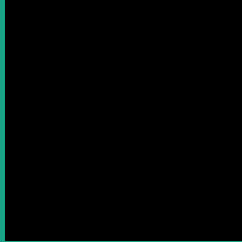
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5069, 0.2438, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 28.5069, 0.2438, 0.3851.

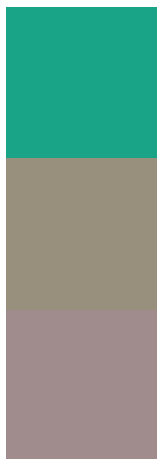


This preview shows how white text looks on a background with the Yxy color 28.5069, 0.2438, 0.3851.

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

28.5069, 0.2438, 0.3851

Protanopia

28.1026, 0.3407, 0.3596

Deuteranopia

28.1232, 0.3347, 0.3291



Tritanopia

28.5317, 0.2285, 0.3059

Trichromacy



Original Color

28.5069, 0.2438, 0.3851



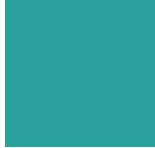
Protanomaly

26.7824, 0.2889, 0.3690



Deuteranomaly

26.7094, 0.2856, 0.3485



Tritanomaly

28.5065, 0.2332, 0.3324

Monochromacy



Original Color

28.5069, 0.2438, 0.3851



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

20.7399, 0.2712, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5069, 0.2438, 0.3851 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(25, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(25, 164, 135)  
}
```

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(25, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 164, 135) }
```

Border

The CSS property to change the border of an element to Yxy 28.5069, 0.2438, 0.3851 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(25, 164, 135) }
```

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

```
.border{ border-color:rgb(25, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(25, 164,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5069, 0.2438, 0.3851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 164, 135) }
```

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

```
.background{ background-color: rgb(25, 164,  
135) }
```

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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