

Converting Colors

$Yxy(26.0607, 0.2550, 0.3968)$

Have a look what the booklet for
Yxy(26.0607, 0.2550, 0.3968)
contains.

Yxy(26.1483, 0.2552, 0.3971)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1483, 0.2552, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	2F9D7B
RGB	47, 157, 123
RGB Percent	18%, 62%, 48%
CMY	0.8156, 0.3843, 0.5177
CMYK	0.70, 0.00, 0.22, 0.38
HSL	161°, 54%, 40%
HSV	161°, 70%, 62%
XYZ	16.8044, 26.1483, 22.8954
YIQ	120.2340, -54.6460, -33.8940

Conversions

Conversions Part 2

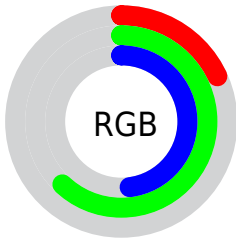
Format	Color
RYB	47, 112, 157
Decimal	3120507
CIELab	58.18, -39.10, 8.96
CIElCh	58, 40.116, 167.091
Yxy	26.1483, 0.2552, 0.3971
Android (android.graphics.Color)	4281310587 (0xFF2F9D7B)
YUV	120.2340, 1.3636, -64.2262
Hunter-Lab	51.1354, -30.8271, 9.2482

Details

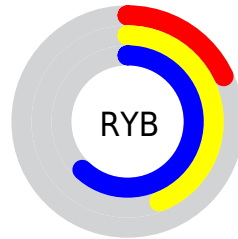
The Yxy color **26.1483, 0.2552, 0.3971** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9.7983, 0.4685, 0.2797**, and the grayscale version is **18.8723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3703, 0.2681, 0.3820**, and **10.5976, 0.2507, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **25.7221, 0.2528, 0.4087**, and if you desaturate by 10%, it is **26.7168, 0.2595, 0.3857**.

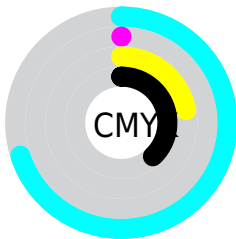
Distribution



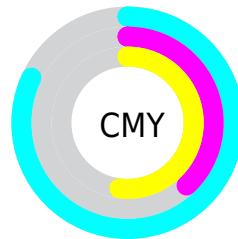
- Red (18%)
- Green (62%)
- Blue (48%)



- Red (18%)
- Yellow (44%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)




- Cyan (82%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1483, 0.2552, 0.3971 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 26.1483, 0.2552, 0.3971 by changing the saturation by 10% instead.


 26.1483, 0.2552,
0.3971

 26.1483, 0.2552,
0.3971


283.5093, 0.2873,
0.3584


 16.9346, 0.2459,
0.4087


 53.5141, 0.2677,
0.3817

 10.1879, 0.2331,
0.4250


 72.4350, 0.2722,
0.3764


 5.5237, 0.2144,
0.4495

 95.3604, 0.2758,
0.3720

 2.5577, 0.1846,
0.4901

 122.6748, 0.2789,
0.3684

 0.9054, 0.0000,
0.7160

 154.7624, 0.2814,
0.3653

 0.0000, 0.0000,
0.0000

192.0078, 0.2836,

0.3627

234.7953, 0.2856,
0.3604

■ 26.1483, 0.2552,
0.3971

■ 26.1483, 0.2552,
0.3971

■ 25.7221, 0.2528,
0.4087

■ 26.7168, 0.2595,
0.3857

■ 25.4200, 0.2523,
0.4203

■ 27.4376, 0.2655,
0.3746

■ 25.2067, 0.2533,
0.4317

■ 28.3232, 0.2731,
0.3641

■ 29.3840, 0.2818,
0.3542

■ 30.6295, 0.2915,
0.3450

■ 32.0685, 0.3019,
0.3366

■ 33.7092, 0.3127,
0.3290

■ 35.5594, 0.3236,
0.3222

■ 37.6265, 0.3346,
0.3161

Harmonies

Analogous

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



26.1483, 0.3176, 0.4462



26.1483, 0.2552, 0.3971



26.1483, 0.2113, 0.3261

Triad

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



26.1483, 0.2552, 0.3971



26.1483, 0.2381, 0.2247



26.1483, 0.4480, 0.3686

Complementary

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



26.1483, 0.2552, 0.3971



9.7983, 0.4685, 0.2797

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.



26.1483, 0.4239, 0.3175



26.1483, 0.2552, 0.3971



26.1483, 0.2958, 0.2390

Square

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



26.1483, 0.2552, 0.3971



26.1483, 0.2031, 0.2327



26.1483, 0.3653, 0.2719



26.1483, 0.4308, 0.4172

Rectangle

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



26.1483, 0.2552, 0.3971



26.1483, 0.1966, 0.2838



26.1483, 0.3653, 0.2719



26.1483, 0.4446, 0.3514

Sweetspot

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



26.1493, 0.2552, 0.3971



54.5300, 0.2902, 0.3462



26.1073, 0.3271, 0.5325



11.8700, 0.2877, 0.3485



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.



26.1493, 0.2552, 0.3971



45.7374, 0.2523, 0.4151



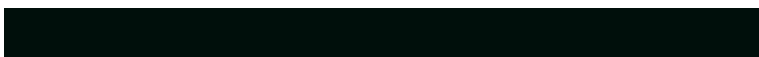
20.8852, 0.2243, 0.2895



7.4745, 0.3027, 0.3360



20.4787, 0.2530, 0.4308



0.3734, 0.2403, 0.3850

Inverse Universe

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



9.7983, 0.4685, 0.2797



14.5713, 0.5233, 0.2814



11.4106, 0.5157, 0.3580



6.6783, 0.3238, 0.3221



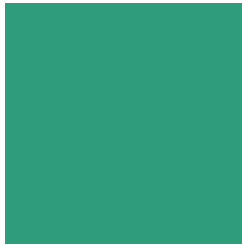
6.0049, 0.5678, 0.2902



0.1145, 0.4666, 0.2344

Previews

White Background



This preview shows how the Yxy color 26.1483, 0.2552, 0.3971 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 26.1483, 0.2552, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

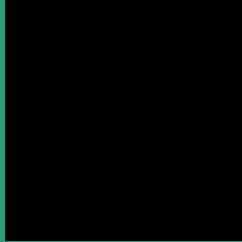
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1483, 0.2552, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 26.1483, 0.2552, 0.3971.



This preview shows how white text looks on a background with the Yxy color 26.1483, 0.2552, 0.3971.

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

26.1483, 0.2552, 0.3971

Protanopia

25.8832, 0.3481, 0.3707

Deuteranopia

25.6766, 0.3447, 0.3387



Tritanopia

26.2606, 0.2352, 0.3071

Trichromacy



Original Color

26.1483, 0.2552, 0.3971



Protanomaly

25.2216, 0.3041, 0.3827



Deuteranomaly

24.5654, 0.3009, 0.3581



Tritanomaly

26.1807, 0.2419, 0.3382

Monochromacy



Original Color

26.1483, 0.2552, 0.3971



Achromatopsia

18.7821, 0.3127, 0.3290



Achromatomaly

20.4827, 0.2819, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1483, 0.2552, 0.3971 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(47, 157, 123)` looks like.

```
.text, #text, p{  
  color:rgb(47, 157, 123)  
}
```

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(47, 157, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.1483, 0.2552, 0.3971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

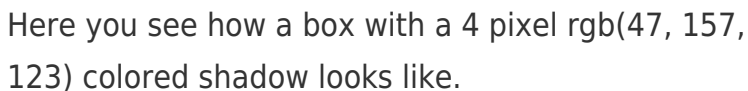
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 157, 123) }
```

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

```
.border{ border-color:rgb(47, 157, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 157, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(47, 157, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(47, 157, 123); box-shadow:4px 4px 4px 4px rgb(47, 157, 123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1483, 0.2552, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 123) }
```

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

```
.background{ background-color: rgb(47, 157,  
123) }
```

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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