

Converting Colors

$Yxy(26.0531, 0.2411, 0.3621)$

Have a look what the booklet for
Yxy(26.0531, 0.2411, 0.3621)
contains.

Yxy(26.0531, 0.2411, 0.3621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(26.0531, 0.2411, 0.3621)$

Conversions

Conversions Part 1

Format	Color
Hex	269C8B
RGB	38, 156, 139
RGB Percent	15%, 61%, 55%
CMY	0.8513, 0.3882, 0.4548
CMYK	0.76, 0.00, 0.11, 0.39
HSL	171°, 61%, 38%
HSV	171°, 76%, 61%
XYZ	17.3471, 26.0531, 28.5498
YIQ	118.7800, -64.8710, -30.3030

Conversions

Conversions Part 2

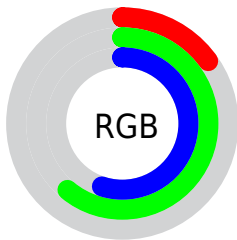
Format	Color
R_{YB}	38, 102, 156
Decimal	2530443
CIE _{Lab}	58.09, -35.72, -0.27
CIE _{LCh}	58, 35.726, 180.438
Yxy	26.0531, 0.2411, 0.3621
Android (android.graphics.Color)	4280720523 (0xFF269C8B)
YUV	118.7800, 9.9685, -70.8441
Hunter-Lab	51.0422, -28.6591, 2.5665

Details

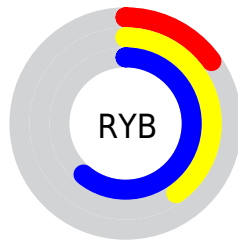
The Yxy color **26.0531, 0.2411, 0.3621** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8.7247, 0.5331, 0.3082**, and the grayscale version is **18.3521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2779, 0.2563, 0.3556**, and **10.6219, 0.2368, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **25.7528, 0.2384, 0.3671**, and if you desaturate by 10%, it is **26.4809, 0.2456, 0.3571**.

Distribution



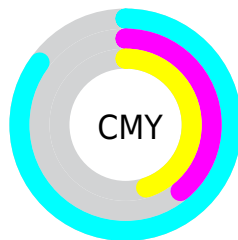
- Red (15%)
- Green (61%)
- Blue (55%)



- Red (15%)
- Yellow (40%)
- Blue (61%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)





- Cyan (85%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0531, 0.2411, 0.3621 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 26.0531, 0.2411, 0.3621 by changing the saturation by 10% instead.


 26.0531, 0.2411,
0.3621


 26.0531, 0.2411,
0.3621

 283.0426, 0.2800,
0.3442

 16.8634, 0.2303,
0.3671


 53.3606, 0.2560,
0.3552


 10.1371, 0.2157,
0.3738


 72.2472, 0.2614,
0.3528


 5.4900, 0.1950,
0.3832

 95.1348, 0.2658,
0.3507

 2.5375, 0.1638,
0.3974

 122.4079, 0.2696,
0.3490

 0.8954, 0.0000,
0.4738

 154.4508, 0.2728,
0.3475

 0.0000, 0.0000,
0.0000

 191.6480, 0.2755,

0.3462

234.3838, 0.2779,
0.3451

■ 26.0531, 0.2411,
0.3621

■ 26.0531, 0.2411,
0.3621

■ 25.7528, 0.2384,
0.3671

■ 26.4809, 0.2456,
0.3571

■ 25.5583, 0.2375,
0.3720

■ 27.0472, 0.2520,
0.3522

■ 25.4880, 0.2373,
0.3742

■ 27.7648, 0.2601,
0.3475

■ 28.6447, 0.2697,
0.3429

■ 29.6964, 0.2806,
0.3386

■ 30.9291, 0.2925,
0.3346

■ 32.3509, 0.3052,
0.3309

■ 33.9699, 0.3185,
0.3276

■ 35.7932, 0.3319,
0.3246

Harmonies

Analogous

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



26.0531, 0.2917, 0.4173



26.0531, 0.2411, 0.3621



26.0531, 0.2111, 0.3011

Triad

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



26.0531, 0.2411, 0.3621



26.0531, 0.2668, 0.2379



26.0531, 0.4314, 0.3863

Complementary

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



26.0531, 0.2411, 0.3621



8.7247, 0.5331, 0.3082

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.



26.0531, 0.4260, 0.3400



26.0531, 0.2411, 0.3621



26.0531, 0.3253, 0.2590

Square

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



26.0531, 0.2411, 0.3621



26.0531, 0.2250, 0.2361



26.0531, 0.3856, 0.2951



26.0531, 0.4026, 0.4246

Rectangle

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



26.0531, 0.2411, 0.3621



26.0531, 0.2048, 0.2690



26.0531, 0.3856, 0.2951



26.0531, 0.4337, 0.3712

Sweetspot

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



26.0541, 0.2411, 0.3621



54.4047, 0.2832, 0.3377



24.7484, 0.3114, 0.5565



11.8163, 0.2793, 0.3391



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.



26.0541, 0.2411, 0.3621



46.5043, 0.2376, 0.3706



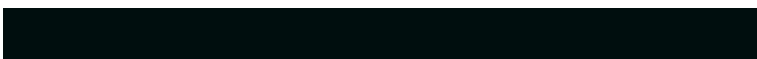
14.9990, 0.2094, 0.2436



7.4931, 0.3006, 0.3322



20.9967, 0.2372, 0.3738



0.3795, 0.2317, 0.3539

Inverse Universe

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



8.7247, 0.5331, 0.3082



13.4716, 0.5980, 0.3147



12.8363, 0.5094, 0.3875



6.6609, 0.3263, 0.3258



5.8742, 0.6170, 0.3172



0.1089, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 26.0531, 0.2411, 0.3621 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 26.0531, 0.2411, 0.3621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

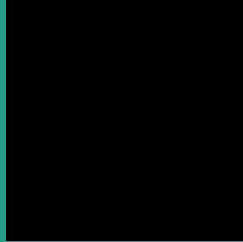
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0531, 0.2411, 0.3621

Background



This preview shows how black text looks on a background with the Yxy color 26.0531, 0.2411, 0.3621.

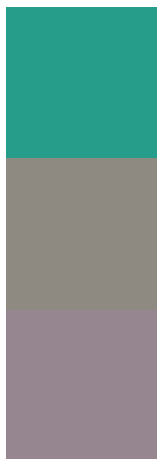


This preview shows how white text looks on a background with the Yxy color 26.0531, 0.2411, 0.3621.

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

26.0531, 0.2411, 0.3621

Protanopia

25.6016, 0.3276, 0.3441

Deuteranopia

25.5478, 0.3202, 0.3130



Tritanopia

25.9574, 0.2297, 0.3051

Trichromacy



Original Color

26.0531, 0.2411, 0.3621

Protanomaly

24.9475, 0.2840, 0.3510

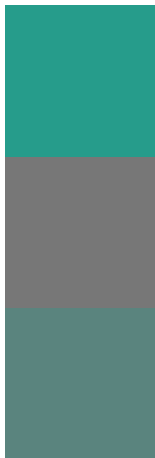
Deuteranomaly

24.5502, 0.2795, 0.3289

Tritanomaly

25.8111, 0.2330, 0.3231

Monochromacy



Original Color

26.0531, 0.2411, 0.3621

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

20.1825, 0.2742, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0531, 0.2411, 0.3621 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(38, 156, 139)` looks like.

```
.text, #text, p{  
    color:rgb(38, 156, 139)  
}
```

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(38, 156, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 156, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.0531, 0.2411, 0.3621 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(38, 156, 139) }
```

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

```
.border{ border-color:rgb(38, 156, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 156, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 156, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 156, 139);  
box-shadow:4px 4px 4px 4px rgb(38, 156,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0531, 0.2411, 0.3621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 156, 139) }
```

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

```
.background{ background-color: rgb(38, 156,  
139) }
```

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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