

Converting Colors

$Yxy(26.0588, 0.2553, 0.4006)$

Have a look what the booklet for
Yxy(26.0588, 0.2553, 0.4006)
contains.

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Color

Yxy(26.0523, 0.2557, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	2D9D79
RGB	45, 157, 121
RGB Percent	18%, 62%, 47%
CMY	0.8234, 0.3843, 0.5255
CMYK	0.71, 0.00, 0.23, 0.38
HSL	161°, 55%, 40%
HSV	161°, 71%, 62%
XYZ	16.5917, 26.0523, 22.2434
YIQ	119.4080, -55.1960, -34.9400

Conversions

Conversions Part 2

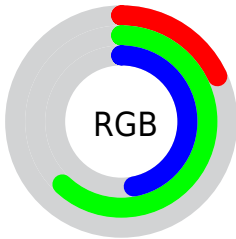
Format	Color
R_{YB}	45, 112, 157
Decimal	2989433
CIE _{Lab}	58.09, -39.90, 9.95
CIE _{LCh}	58, 41.120, 166.004
Yxy	26.0523, 0.2557, 0.4015
Android (android.graphics.Color)	4281179513 (0xFF2D9D79)
YUV	119.4080, 0.7849, -65.2558
Hunter-Lab	51.0415, -31.2987, 9.8910

Details

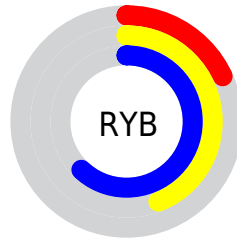
The Yxy color **26.0523, 0.2557, 0.4015** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9.6430, 0.4697, 0.2774**, and the grayscale version is **18.5989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1683, 0.2682, 0.3852**, and **10.5710, 0.2525, 0.4291** is the 20% darker color. If you saturate the color by 10%, you get **25.6400, 0.2536, 0.4136**, and if you desaturate by 10%, it is **26.6056, 0.2597, 0.3896**.

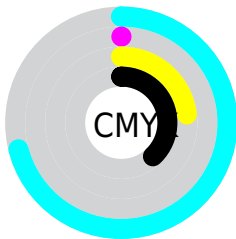
Distribution



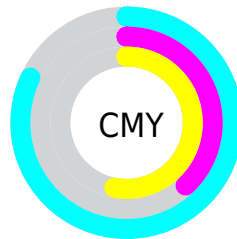
- Red (18%)
- Green (62%)
- Blue (47%)



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



- Cyan (71%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)





- Cyan (82%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0523, 0.2557, 0.4015 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 26.0523, 0.2557, 0.4015 by changing the saturation by 10% instead.


 26.0523, 0.2557,
0.4015


 26.0523, 0.2557,
0.4015


283.0387, 0.2876,
0.3602


 16.8628, 0.2464,
0.4140


 53.3593, 0.2682,
0.3850


 10.1367, 0.2335,
0.4315


 72.2456, 0.2726,
0.3793


 5.4897, 0.2146,
0.4580

 95.1329, 0.2762,
0.3746

 2.5373, 0.1845,
0.5021

 122.4056, 0.2793,
0.3708

 0.8953, 0.0000,
0.7621

 154.4482, 0.2818,
0.3675

 0.0000, 0.0000,
0.0000

 191.6449, 0.2840,

0.3647

234.3803, 0.2859,
0.3623

■ 26.0523, 0.2557,
0.4015

■ 26.0523, 0.2557,
0.4015

■ 25.6400, 0.2536,
0.4136

■ 26.6056, 0.2597,
0.3896

■ 25.3501, 0.2535,
0.4257

■ 27.3100, 0.2654,
0.3780

■ 25.1653, 0.2545,
0.4361

■ 28.1784, 0.2726,
0.3669

■ 29.2212, 0.2811,
0.3565

■ 30.4481, 0.2906,
0.3468

■ 31.8678, 0.3007,
0.3380

■ 33.4888, 0.3113,
0.3300

■ 35.3189, 0.3221,
0.3228

■ 37.3655, 0.3329,
0.3164

Harmonies

Analogous

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



26.0523, 0.3199, 0.4505



26.0523, 0.2557, 0.4015



26.0523, 0.2100, 0.3284

Triad

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



26.0523, 0.2557, 0.4015



26.0523, 0.2345, 0.2222



26.0523, 0.4513, 0.3672

Complementary

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



26.0523, 0.2557, 0.4015



9.6430, 0.4697, 0.2774

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.



26.0523, 0.4251, 0.3152



26.0523, 0.2557, 0.4015



26.0523, 0.2928, 0.2362

Square

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



26.0523, 0.2557, 0.4015



26.0523, 0.1998, 0.2312



26.0523, 0.3641, 0.2691



26.0523, 0.4349, 0.4173

Rectangle

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



26.0523, 0.2557, 0.4015



26.0523, 0.1944, 0.2845



26.0523, 0.3641, 0.2691



26.0523, 0.4474, 0.3497

Sweetspot

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



26.0533, 0.2557, 0.4015



54.5070, 0.2905, 0.3469



26.1139, 0.3285, 0.5347



11.8644, 0.2880, 0.3493



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.



26.0533, 0.2557, 0.4015



45.5657, 0.2533, 0.4213



21.2681, 0.2243, 0.2925



7.4732, 0.3029, 0.3363



20.4458, 0.2542, 0.4351



0.3729, 0.2409, 0.3874

Inverse Universe

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



9.6430, 0.4697, 0.2774



14.3501, 0.5262, 0.2800



10.9914, 0.5234, 0.3552



6.6796, 0.3236, 0.3218



6.0184, 0.5633, 0.2877



0.1149, 0.4623, 0.2320

Previews

White Background



This preview shows how the Yxy color 26.0523, 0.2557, 0.4015 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 26.0523, 0.2557, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

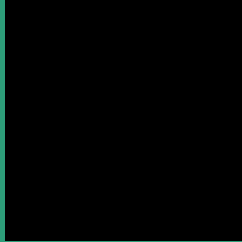
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0523, 0.2557, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 26.0523, 0.2557, 0.4015.



This preview shows how white text looks on a background with the Yxy color 26.0523, 0.2557, 0.4015.

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

26.0523, 0.2557, 0.4015

Protanopia

25.5499, 0.3506, 0.3725

Deuteranopia

25.7247, 0.3481, 0.3419



Tritanopia

25.9374, 0.2348, 0.3053

Trichromacy



Original Color

26.0523, 0.2557, 0.4015



Protanomaly

24.8036, 0.3050, 0.3850



Deuteranomaly

24.5142, 0.3028, 0.3618



Tritanomaly

25.8201, 0.2421, 0.3383

Monochromacy



Original Color

26.0523, 0.2557, 0.4015



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

20.4064, 0.2818, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0523, 0.2557, 0.4015 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(45, 157, 121)` looks like.

```
.text, #text, p{  
    color:rgb(45, 157, 121)  
}
```

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(45, 157, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 157, 121) }
```

Border

The CSS property to change the border of an element to Yxy 26.0523, 0.2557, 0.4015 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(45, 157, 121) }
```

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

```
.border{ border-color:rgb(45, 157, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 157, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 157, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 157, 121);  
box-shadow:4px 4px 4px 4px rgb(45, 157,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0523, 0.2557, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 157, 121) }
```

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

```
.background{ background-color: rgb(45, 157,  
121) }
```

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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