

Converting Colors

$Yxy(26.1056, 0.2568, 0.3886)$

Have a look what the booklet for
Yxy(26.1056, 0.2568, 0.3886)
contains.

Yxy(26.1240, 0.2569, 0.3883)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.1240, 0.2569, 0.3883)$

Conversions

Conversions Part 1

Format	Color
Hex	389C7E
RGB	56, 156, 126
RGB Percent	22%, 61%, 49%
CMY	0.7805, 0.3882, 0.5059
CMYK	0.64, 0.00, 0.19, 0.39
HSL	162°, 47%, 42%
HSV	162°, 64%, 61%
XYZ	17.2837, 26.1240, 23.8702
YIQ	122.6800, -49.9700, -30.5300

Conversions

Conversions Part 2

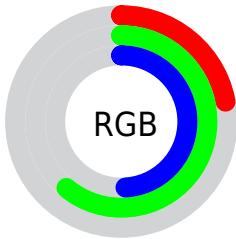
Format	Color
RYB	56, 115, 156
Decimal	3710078
CIELab	58.15, -36.36, 7.26
CIElCh	58, 37.078, 168.712
Yxy	26.1240, 0.2569, 0.3883
Android (android.graphics.Color)	4281900158 (0xFF389C7E)
YUV	122.6800, 1.6368, -58.4784
Hunter-Lab	51.1116, -29.0846, 8.0885

Details

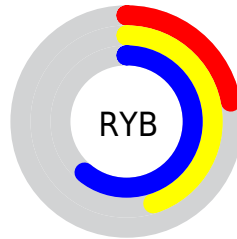
The Yxy color **26.1240, 0.2569, 0.3883** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.5650, 0.4502, 0.2831**, and the grayscale version is **19.7007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4206, 0.2688, 0.3743**, and **10.4365, 0.2473, 0.4104** is the 20% darker color. If you saturate the color by 10%, you get **25.6257, 0.2533, 0.3994**, and if you desaturate by 10%, it is **26.7700, 0.2623, 0.3775**.

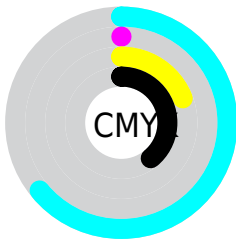
Distribution



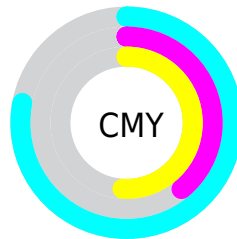
- Red (22%)
- Green (61%)
- Blue (49%)



- Red (22%)
- Yellow (45%)
- Blue (61%)



- Cyan (64%)
- Magenta (0%)
- Yellow (19%)
- Black (39%)





- Cyan (78%)
- Magenta (39%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1240, 0.2569, 0.3883 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 26.1240, 0.2569, 0.3883 by changing the saturation by 10% instead.


 26.1240, 0.2569,
0.3883


 26.1240, 0.2569,
0.3883


283.3903, 0.2879,
0.3548


 16.9164, 0.2480,
0.3983


 53.4749, 0.2690,
0.3750

 10.1749, 0.2357,
0.4122


 72.3871, 0.2733,
0.3704


 5.5151, 0.2179,
0.4330

 95.3028, 0.2768,
0.3666

 2.5525, 0.1897,
0.4674

 122.6067, 0.2797,
0.3635

 0.9029, 0.0000,
0.6550

 154.6829, 0.2822,
0.3608

 0.0000, 0.0000,
0.0000

191.9160, 0.2844,

0.3585

234.6903, 0.2862,
0.3565

■ 26.1240, 0.2569,
0.3883

■ 26.1240, 0.2569,
0.3883

■ 25.6257, 0.2533,
0.3994

■ 26.7700, 0.2623,
0.3775

■ 25.2585, 0.2516,
0.4106

■ 27.5726, 0.2694,
0.3671

■ 25.0071, 0.2517,
0.4218

■ 28.5433, 0.2778,
0.3572

■ 24.8876, 0.2523,
0.4283

■ 29.6919, 0.2872,
0.3481

■ 31.0273, 0.2974,
0.3396

■ 32.5577, 0.3082,
0.3319

■ 34.2911, 0.3192,
0.3250

■ 36.2348, 0.3303,
0.3188

■ 38.3958, 0.3414,
0.3134

Harmonies

Analogous

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



26.1240, 0.3145, 0.4350



26.1240, 0.2569, 0.3883



26.1240, 0.2168, 0.3234

Triad

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



26.1240, 0.2569, 0.3883



26.1240, 0.2458, 0.2317



26.1240, 0.4381, 0.3694

Complementary

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



26.1240, 0.2569, 0.3883



10.5650, 0.4502, 0.2831

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.



26.1240, 0.4176, 0.3214



26.1240, 0.2569, 0.3883



26.1240, 0.3006, 0.2462

Square

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



26.1240, 0.2569, 0.3883



26.1240, 0.2115, 0.2384



26.1240, 0.3650, 0.2779



26.1240, 0.4209, 0.4140

Rectangle

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



26.1240, 0.2569, 0.3883



26.1240, 0.2037, 0.2849



26.1240, 0.3650, 0.2779



26.1240, 0.4356, 0.3534

Sweetspot

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



26.1250, 0.2569, 0.3883



55.0332, 0.2920, 0.3440



26.0414, 0.3263, 0.5169



11.9709, 0.2893, 0.3462



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.



26.1250, 0.2569, 0.3883



46.2187, 0.2523, 0.4043



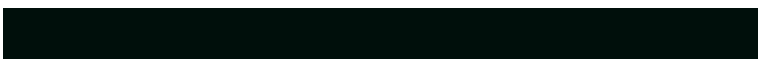
20.8480, 0.2286, 0.2900



7.4756, 0.3026, 0.3358



20.5045, 0.2521, 0.4275



0.3737, 0.2398, 0.3832

Inverse Universe

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



10.5650, 0.4502, 0.2831



15.6727, 0.5010, 0.2811



12.5190, 0.4889, 0.3599



6.6773, 0.3239, 0.3223



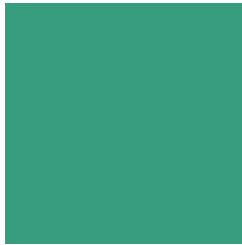
5.9950, 0.5712, 0.2920



0.1142, 0.4701, 0.2363

Previews

White Background



This preview shows how the Yxy color 26.1240, 0.2569, 0.3883 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 26.1240, 0.2569, 0.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

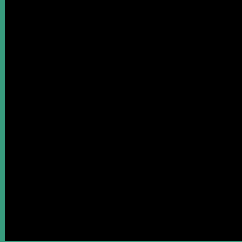
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1240, 0.2569, 0.3883

Background



This preview shows how black text looks on a background with the Yxy color 26.1240, 0.2569, 0.3883.



This preview shows how white text looks on a background with the Yxy color 26.1240, 0.2569, 0.3883.

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

26.1240, 0.2569, 0.3883

Protanopia

25.8606, 0.3437, 0.3658

Deuteranopia

25.6575, 0.3402, 0.3339



Tritanopia

26.1172, 0.2385, 0.3072

Trichromacy



Original Color

26.1240, 0.2569, 0.3883

Protanomaly

25.1176, 0.3034, 0.3749

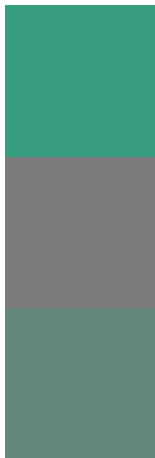
Deuteranomaly

24.8529, 0.3011, 0.3523

Tritanomaly

26.1427, 0.2449, 0.3344

Monochromacy



Original Color

26.1240, 0.2569, 0.3883

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.4358, 0.2852, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1240, 0.2569, 0.3883 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(56, 156, 126)` looks like.

```
.text, #text, p{  
    color:rgb(56, 156, 126)  
}
```

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(56, 156, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 156, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.1240, 0.2569, 0.3883 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(56, 156, 126) }
```

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

```
.border{ border-color:rgb(56, 156, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 156, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 156, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 156, 126);  
box-shadow:4px 4px 4px 4px rgb(56, 156,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1240, 0.2569, 0.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 156, 126) }
```

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

```
.background{ background-color: rgb(56, 156,  
126) }
```

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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