

Converting Colors

$Yxy(26.6563, 0.2641, 0.4084)$

Have a look what the booklet for
Yxy(26.6563, 0.2641, 0.4084)
contains.

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Color

$\text{Yxy}(26.6613, 0.2641, 0.4084)$

Conversions

Conversions Part 1

Format	Color
Hex	3A9E76
RGB	58, 158, 118
RGB Percent	23%, 62%, 46%
CMY	0.7726, 0.3804, 0.5372
CMYK	0.63, 0.00, 0.25, 0.38
HSL	156°, 46%, 42%
HSV	156°, 63%, 62%
XYZ	17.2411, 26.6613, 21.3800
YIQ	123.5400, -46.7600, -33.6400

Conversions

Conversions Part 2

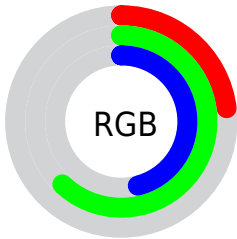
Format	Color
RYB	58, 121, 158
Decimal	3841654
CIELab	58.66, -38.77, 12.48
CIElCh	59, 40.728, 162.161
Yxy	26.6613, 0.2641, 0.4084
Android (android.graphics.Color)	4282031734 (0xFF3A9E76)
YUV	123.5400, -2.7312, -57.4786
Hunter-Lab	51.6346, -30.7584, 11.5944

Details

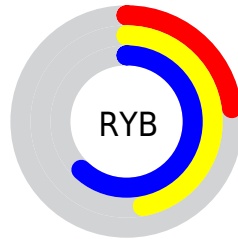
The Yxy color **26.6613, 0.2641, 0.4084** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11.1744, 0.4267, 0.2676**, and the grayscale version is **20.0145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1356, 0.2748, 0.3902**, and **10.7503, 0.2550, 0.4379** is the 20% darker color. If you saturate the color by 10%, you get **26.1143, 0.2611, 0.4236**, and if you desaturate by 10%, it is **27.3658, 0.2688, 0.3936**.

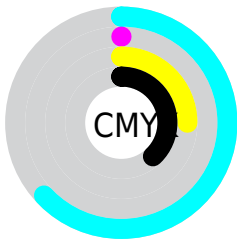
Distribution



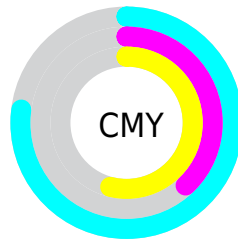
- Red (23%)
- Green (62%)
- Blue (46%)



- Red (23%)
- Yellow (47%)
- Blue (62%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)





- Cyan (77%)
- Magenta (38%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6613, 0.2641, 0.4084 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 26.6613, 0.2641, 0.4084 by changing the saturation by 10% instead.


 26.6613, 0.2641,
0.4084


 26.6613, 0.2641,
0.4084


286.0134, 0.2915,
0.3630


 17.3190, 0.2560,
0.4221


 54.3399, 0.2749,
0.3903


 10.4622, 0.2447,
0.4414


 73.4450, 0.2787,
0.3840

 5.7065, 0.2278,
0.4706

 96.5731, 0.2818,
0.3789

 2.6674, 0.2005,
0.5194

 124.1087, 0.2844,
0.3746

 0.9607, 0.0000,
0.8485

 156.4361, 0.2866,
0.3711

 0.0000, 0.0000,
0.0000

193.9398, 0.2885,

0.3680

237.0041, 0.2901,
0.3653

■ 26.6613, 0.2641,
0.4084

■ 26.6613, 0.2641,
0.4084

■ 26.1143, 0.2611,
0.4236

■ 27.3658, 0.2688,
0.3936

■ 25.7076, 0.2601,
0.4390

■ 28.2369, 0.2751,
0.3794

■ 25.4256, 0.2610,
0.4541

■ 29.2865, 0.2826,
0.3660

■ 25.2785, 0.2622,
0.4640

■ 30.5247, 0.2910,
0.3537

■ 31.9608, 0.3001,
0.3424

■ 33.6034, 0.3095,
0.3321

■ 35.4606, 0.3192,
0.3230

■ 37.5401, 0.3288,
0.3148

■ 39.8492, 0.3383,
0.3076

Harmonies

Analogous

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



26.6613, 0.3285, 0.4511



26.6613, 0.2641, 0.4084



26.6613, 0.2160, 0.3377

Triad

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



26.6613, 0.2641, 0.4084



26.6613, 0.2300, 0.2236



26.6613, 0.4481, 0.3602

Complementary

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



26.6613, 0.2641, 0.4084



11.1744, 0.4267, 0.2676

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.



26.6613, 0.4170, 0.3092



26.6613, 0.2641, 0.4084



26.6613, 0.2848, 0.2346

Square

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



26.6613, 0.2641, 0.4084



26.6613, 0.1990, 0.2357



26.6613, 0.3543, 0.2650



26.6613, 0.4372, 0.4104

Rectangle

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



26.6613, 0.2641, 0.4084



26.6613, 0.1982, 0.2930



26.6613, 0.3543, 0.2650



26.6613, 0.4423, 0.3429

Sweetspot

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



26.6624, 0.2641, 0.4084



56.4121, 0.2945, 0.3491



27.3565, 0.3356, 0.5093



12.5643, 0.2921, 0.3522



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.6624, 0.2641, 0.4084



47.0823, 0.2605, 0.4300



24.5479, 0.2338, 0.3101



7.4645, 0.3039, 0.3381



20.2521, 0.2619, 0.4628



0.3703, 0.2453, 0.4029

Inverse Universe

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



11.1744, 0.4267, 0.2676



16.6228, 0.4683, 0.2623



11.7064, 0.4979, 0.3443



6.6879, 0.3225, 0.3201



6.1182, 0.5329, 0.2709



0.1175, 0.4369, 0.2181

Previews

White Background



This preview shows how the Yxy color 26.6613, 0.2641, 0.4084 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 26.6613, 0.2641, 0.4084 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 26.6613, 0.2641, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 26.6613, 0.2641, 0.4084.



This preview shows how white text looks on a background with the Yxy color 26.6613, 0.2641, 0.4084.

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

26.6613, 0.2641, 0.4084

Protanopia

26.2499, 0.3554, 0.3803

Deuteranopia

26.2316, 0.3548, 0.3481



Tritanopia

26.6327, 0.2405, 0.3074

Trichromacy



Original Color

26.6613, 0.2641, 0.4084



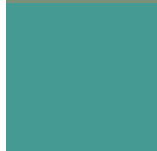
Protanomaly

25.7503, 0.3138, 0.3930



Deuteranomaly

25.2364, 0.3130, 0.3684



Tritanomaly

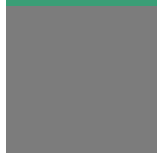
26.4830, 0.2489, 0.3419

Monochromacy



Original Color

26.6613, 0.2641, 0.4084



Achromatopsia

20.1556, 0.3127, 0.3290



Achromatomaly

21.7228, 0.2882, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6613, 0.2641, 0.4084 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(58, 158, 118)` looks like.

```
.text, #text, p{  
    color:rgb(58, 158, 118)  
}
```

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(58, 158, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 158, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.6613, 0.2641, 0.4084 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(58, 158, 118) }
```

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

```
.border{ border-color:rgb(58, 158, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 158, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 158, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 158, 118); box-shadow:4px 4px 4px 4px rgb(58, 158, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6613, 0.2641, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 158, 118) }
```

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

```
.background{ background-color: rgb(58, 158,  
118) }
```

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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