

Converting Colors

$Yxy(26.0340, 0.2631, 0.3474)$

Have a look what the booklet for
Yxy(26.0340, 0.2631, 0.3474)
contains.

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Color

Yxy(26.0347, 0.2631, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	56978D
RGB	86, 151, 141
RGB Percent	34%, 59%, 55%
CMY	0.6625, 0.4079, 0.4470
CMYK	0.43, 0.00, 0.07, 0.41
HSL	171°, 27%, 46%
HSV	171°, 43%, 59%
XYZ	19.7171, 26.0347, 29.1897
YIQ	130.4250, -35.5300, -16.8900

Conversions

Conversions Part 2

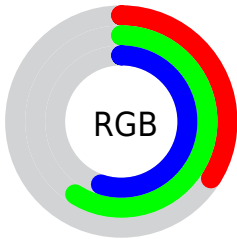
Format	Color
R_{YB}	86, 121, 151
Decimal	5674893
CIE _{Lab}	58.07, -23.28, -1.25
CIE _{LCh}	58, 23.314, 183.080
Yxy	26.0347, 0.2631, 0.3474
Android (android.graphics.Color)	4283864973 (0xFF56978D)
YUV	130.4250, 5.2135, -38.9607
Hunter-Lab	51.0242, -20.3152, 1.7985

Details

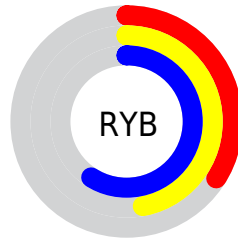
The Yxy color **26.0347, 0.2631, 0.3474** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.0902, 0.4034, 0.3122**, and the grayscale version is **22.4781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0917, 0.2730, 0.3424**, and **10.1768, 0.2453, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **25.3241, 0.2547, 0.3524**, and if you desaturate by 10%, it is **26.9003, 0.2730, 0.3426**.

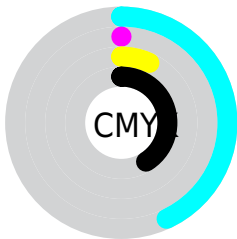
Distribution



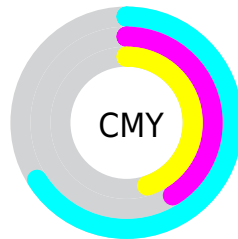
- Red (34%)
- Green (59%)
- Blue (55%)



- Red (34%)
- Yellow (47%)
- Blue (59%)



- Cyan (43%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)




- Cyan (66%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0347, 0.2631, 0.3474 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 26.0347, 0.2631, 0.3474 by changing the saturation by 10% instead.


 26.0347, 0.2631,
0.3474


 26.0347, 0.2631,
0.3474

282.9524, 0.2901,
0.3375


 16.8496, 0.2555,
0.3501


 53.3309, 0.2735,
0.3436

 10.1273, 0.2452,
0.3538


 72.2108, 0.2772,
0.3423

 5.4835, 0.2305,
0.3590

 95.0911, 0.2803,
0.3411

 2.5336, 0.2077,
0.3668

 122.3562, 0.2829,
0.3402

 0.8934, 0.1255,
0.3992

154.3905, 0.2851,
0.3394

 0.0000, 0.0000,
0.0000

191.5784, 0.2870,

0.3386

234.3042, 0.2887,
0.3380

■ 26.0347, 0.2631,
0.3474

■ 26.0347, 0.2631,
0.3474

■ 25.3241, 0.2547,
0.3524

■ 26.9003, 0.2730,
0.3426

■ 24.7558, 0.2479,
0.3576

■ 27.9264, 0.2841,
0.3381

■ 24.3200, 0.2429,
0.3630


■ 29.1224, 0.2961,
0.3339

■ 24.0045, 0.2398,
0.3683

■ 30.4958, 0.3088,
0.3301

■ 23.7948, 0.2385,
0.3736


■ 32.0536, 0.3219,
0.3266

 23.6835, 0.2382,
0.3774

 33.8026, 0.3352,
0.3235

 35.7491, 0.3485,
0.3207

 37.8993, 0.3617,
0.3183

 40.2590, 0.3745,
0.3161

Harmonies

Analogous

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



26.0347, 0.2967, 0.3821



26.0347, 0.2631, 0.3474



26.0347, 0.2432, 0.3092

Triad

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



26.0347, 0.2631, 0.3474



26.0347, 0.2859, 0.2676



26.0347, 0.3900, 0.3722

Complementary

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



26.0347, 0.2631, 0.3474



14.0902, 0.4034, 0.3122

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.



26.0347, 0.3876, 0.3412



26.0347, 0.2631, 0.3474



26.0347, 0.3253, 0.2833

Square

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



26.0347, 0.2631, 0.3474



26.0347, 0.2557, 0.2659



26.0347, 0.3633, 0.3095



26.0347, 0.3706, 0.3945

Rectangle

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



26.0347, 0.2631, 0.3474



26.0347, 0.2395, 0.2882



26.0347, 0.3633, 0.3095



26.0347, 0.3918, 0.3624

Sweetspot

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



26.0357, 0.2631, 0.3474



52.1009, 0.2958, 0.3340



25.3388, 0.3167, 0.4542



11.7359, 0.2932, 0.3349



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.0357, 0.2631, 0.3474



45.3528, 0.2546, 0.3525



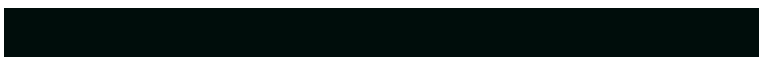
20.0087, 0.2491, 0.2877



7.0102, 0.3008, 0.3324



20.1538, 0.2381, 0.3770



0.3052, 0.2315, 0.3533

Inverse Universe

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



14.0902, 0.4034, 0.3122



20.9569, 0.4375, 0.3088



17.9152, 0.4042, 0.3662



6.2374, 0.3260, 0.3256



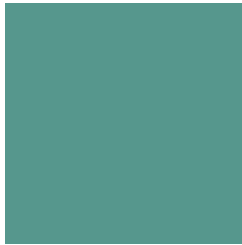
5.6534, 0.6144, 0.3158



0.0880, 0.5322, 0.2705

Previews

White Background



This preview shows how the Yxy color 26.0347, 0.2631, 0.3474 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 26.0347, 0.2631, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

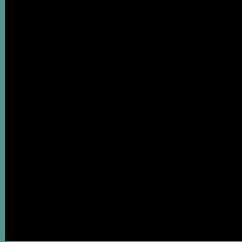
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0347, 0.2631, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 26.0347, 0.2631, 0.3474.

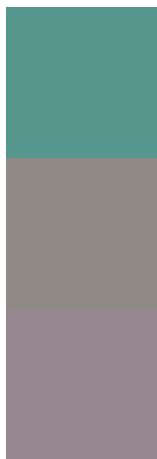


This preview shows how white text looks on a background with the Yxy color 26.0347, 0.2631, 0.3474.

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

26.0347, 0.2631, 0.3474

Protanopia

25.7378, 0.3224, 0.3357

Deuteranopia

25.8256, 0.3201, 0.3146



Tritanopia

25.9420, 0.2520, 0.3076

Trichromacy



Original Color

26.0347, 0.2631, 0.3474

Protanomaly

25.5886, 0.2967, 0.3395

Deuteranomaly

25.5449, 0.2961, 0.3255

Tritanomaly

25.9186, 0.2558, 0.3216

Monochromacy



Original Color

26.0347, 0.2631, 0.3474

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.4756, 0.2912, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0347, 0.2631, 0.3474 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(86, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(86, 151, 141)  
}
```

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(86, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 151, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.0347, 0.2631, 0.3474 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(86, 151, 141) }
```

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

```
.border{ border-color:rgb(86, 151, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(86, 151,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0347, 0.2631, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 151, 141) }
```

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

```
.background{ background-color: rgb(86, 151,  
141) }
```

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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