

Converting Colors

$Yxy(26.1802, 0.2653, 0.3473)$

Have a look what the booklet for
Yxy(26.1802, 0.2653, 0.3473)
contains.

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Color

$Y_{xy}(26.1802, 0.2653, 0.3473)$

Conversions

Conversions Part 1

Format	Color
Hex	59978D
RGB	89, 151, 141
RGB Percent	35%, 59%, 55%
CMY	0.6508, 0.4079, 0.4470
CMYK	0.41, 0.00, 0.07, 0.41
HSL	170°, 26%, 47%
HSV	170°, 41%, 59%
XYZ	19.9989, 26.1802, 29.2030
YIQ	131.3220, -33.7420, -16.2540

Conversions

Conversions Part 2

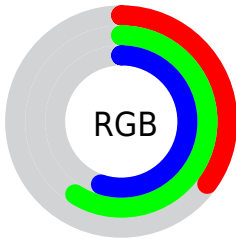
Format	Color
R_{YB}	89, 123, 151
Decimal	5871501
CIE _{Lab}	58.21, -22.47, -1.03
CIE _{LCh}	58, 22.495, 182.636
Yxy	26.1802, 0.2653, 0.3473
Android (android.graphics.Color)	4284061581 (0xFF59978D)
YUV	131.3220, 4.7713, -37.1164
Hunter-Lab	51.1666, -19.7734, 1.9772

Details

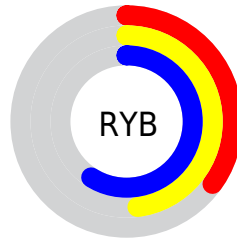
The Yxy color **26.1802, 0.2653, 0.3473** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.6348, 0.3965, 0.3121**, and the grayscale version is **22.8151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3536, 0.2748, 0.3423**, and **10.2447, 0.2481, 0.3543** is the 20% darker color. If you saturate the color by 10%, you get **25.4371, 0.2566, 0.3525**, and if you desaturate by 10%, it is **27.0803, 0.2754, 0.3423**.

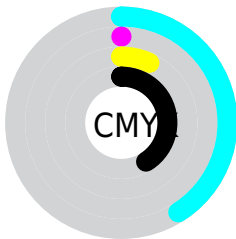
Distribution



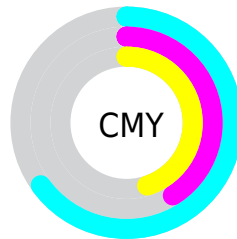
- Red (35%)
- Green (59%)
- Blue (55%)



- Red (35%)
- Yellow (48%)
- Blue (59%)



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





- Cyan (65%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1802, 0.2653, 0.3473 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 26.1802, 0.2653, 0.3473 by changing the saturation by 10% instead.


 26.1802, 0.2653,
0.3473


 26.1802, 0.2653,
0.3473


283.6655, 0.2911,
0.3374

 16.9585, 0.2581,
0.3500


 53.5655, 0.2752,
0.3435


 10.2049, 0.2482,
0.3537


 72.4979, 0.2788,
0.3422

 5.5350, 0.2341,
0.3589

 95.4360, 0.2818,
0.3410

 2.5645, 0.2123,
0.3668

 122.7642, 0.2842,
0.3401

 0.9088, 0.1377,
0.3971

154.8668, 0.2863,
0.3393

 0.0000, 0.0000,
0.0000

192.1283, 0.2882,

0.3386

234.9331, 0.2897,
0.3380

■ 26.1802, 0.2653,
0.3473

■ 26.1802, 0.2653,
0.3473

■ 25.4371, 0.2566,
0.3525

■ 27.0803, 0.2754,
0.3423

■ 24.8383, 0.2496,
0.3580

■ 28.1428, 0.2866,
0.3377

■ 24.3745, 0.2443,
0.3636


■ 29.3767, 0.2987,
0.3333


■ 24.0336, 0.2408,
0.3692


■ 30.7897, 0.3114,
0.3294

■ 23.8018, 0.2392,
0.3748

■ 32.3886, 0.3245,
0.3258

 23.6545, 0.2389,
0.3798

 34.1801, 0.3377,
0.3226

 36.1705, 0.3508,
0.3198

 38.3660, 0.3638,
0.3173

 40.7721, 0.3764,
0.3151

Harmonies

Analogous

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



26.1802, 0.2979, 0.3804



26.1802, 0.2653, 0.3473



26.1802, 0.2458, 0.3105

Triad

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



26.1802, 0.2653, 0.3473



26.1802, 0.2864, 0.2695



26.1802, 0.3873, 0.3704

Complementary

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



26.1802, 0.2653, 0.3473



14.6348, 0.3965, 0.3121

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.



26.1802, 0.3846, 0.3405



26.1802, 0.2653, 0.3473



26.1802, 0.3243, 0.2845

Square

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



26.1802, 0.2653, 0.3473



26.1802, 0.2574, 0.2682



26.1802, 0.3610, 0.3098



26.1802, 0.3689, 0.3920

Rectangle

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



26.1802, 0.2653, 0.3473



26.1802, 0.2420, 0.2902



26.1802, 0.3610, 0.3098



26.1802, 0.3889, 0.3609

Sweetspot

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



26.1812, 0.2653, 0.3473



52.3284, 0.2972, 0.3338



25.5274, 0.3167, 0.4476



11.8322, 0.2957, 0.3343



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.



26.1812, 0.2653, 0.3473



45.6850, 0.2575, 0.3520



20.4190, 0.2518, 0.2899



7.0094, 0.3009, 0.3326



20.1290, 0.2388, 0.3795



0.3050, 0.2318, 0.3545

Inverse Universe

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



14.6348, 0.3965, 0.3121



22.1763, 0.4255, 0.3088



18.3889, 0.3986, 0.3645



6.2381, 0.3259, 0.3254



5.6575, 0.6127, 0.3149



0.0882, 0.5282, 0.2683

Previews

White Background



This preview shows how the Yxy color 26.1802, 0.2653, 0.3473 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 26.1802, 0.2653, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

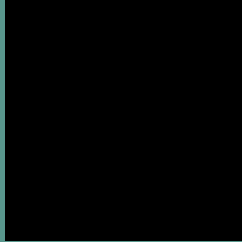
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1802, 0.2653, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 26.1802, 0.2653, 0.3473.

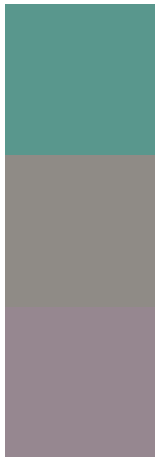


This preview shows how white text looks on a background with the Yxy color 26.1802, 0.2653, 0.3473.

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

26.1802, 0.2653, 0.3473

Protanopia

26.0261, 0.3222, 0.3373

Deuteranopia

25.8256, 0.3201, 0.3146



Tritanopia

26.0976, 0.2541, 0.3077

Trichromacy



Original Color

26.1802, 0.2653, 0.3473

Protanomaly

25.6620, 0.2977, 0.3394

Deuteranomaly

25.6221, 0.2971, 0.3255

Tritanomaly

26.0701, 0.2580, 0.3217

Monochromacy



Original Color

26.1802, 0.2653, 0.3473

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6392, 0.2923, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1802, 0.2653, 0.3473 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(89, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(89, 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(89, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 151, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.1802, 0.2653, 0.3473 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(89, 151, 141) }
```

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

```
.border{ border-color:rgb(89, 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(89, 151, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(89, 151,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1802, 0.2653, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 151, 141) }
```

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

```
.background{ background-color: rgb(89, 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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