

Converting Colors

$Y_{xy}(26.2665, 0.2669, 0.3528)$

Have a look what the booklet for
Yxy(26.2665, 0.2669, 0.3528)
contains.

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Color

Yxy(26.4444, 0.2670, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	59988B
RGB	89, 152, 139
RGB Percent	35%, 60%, 55%
CMY	0.6511, 0.4039, 0.4548
CMYK	0.41, 0.00, 0.09, 0.40
HSL	168°, 26%, 47%
HSV	168°, 41%, 60%
XYZ	20.0075, 26.4444, 28.4826
YIQ	131.6810, -33.3750, -17.3990

Conversions

Conversions Part 2

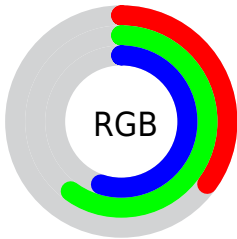
Format	Color
R_{YB}	89, 124, 152
Decimal	5871755
CIE _{Lab}	58.46, -23.50, 0.46
CIE _{LCh}	58, 23.505, 178.870
Y _{xy}	26.4444, 0.2670, 0.3529
Android (android.graphics.Color)	4284061835 (0xFF59988B)
Y _{UV}	131.6810, 3.6083, -37.4312
Hunter-Lab	51.4241, -20.5434, 3.1575

Details

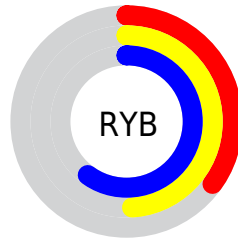
The Yxy color **26.4444, 0.2670, 0.3529** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7755, 0.3932, 0.3071**, and the grayscale version is **22.9484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1822, 0.2769, 0.3491**, and **10.4037, 0.2506, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **25.6795, 0.2588, 0.3597**, and if you desaturate by 10%, it is **27.3693, 0.2766, 0.3464**.

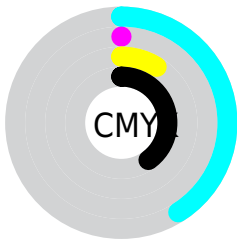
Distribution



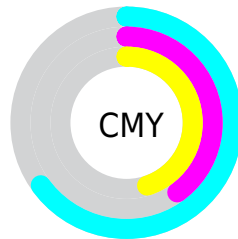
- Red (35%)
- Green (60%)
- Blue (55%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4444, 0.2670, 0.3529 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 26.4444, 0.2670, 0.3529 by changing the saturation by 10% instead.


 26.4444, 0.2670,
0.3529


 26.4444, 0.2670,
0.3529


284.9568, 0.2919,
0.3398


 17.1564, 0.2600,
0.3566


 53.9910, 0.2766,
0.3479


 10.3461, 0.2505,
0.3616


 73.0184, 0.2801,
0.3461

 5.6290, 0.2368,
0.3689

 96.0610, 0.2829,
0.3446

 2.6208, 0.2155,
0.3802

 123.5033, 0.2853,
0.3433

 0.9371, 0.1411,
0.4183

155.7297, 0.2873,
0.3423

 0.0000, 0.0000,
0.0000

193.1244, 0.2891,

0.3413

236.0720, 0.2906,
0.3405

■ 26.4444, 0.2670,
0.3529

■ 26.4444, 0.2670,
0.3529

■ 25.6795, 0.2588,
0.3597

■ 27.3693, 0.2766,
0.3464

■ 25.0617, 0.2521,
0.3668

■ 28.4599, 0.2873,
0.3404

■ 24.5815, 0.2473,
0.3741


■ 29.7254, 0.2988,
0.3348

■ 24.2265, 0.2443,
0.3815

■ 31.1734, 0.3109,
0.3297

■ 23.9825, 0.2431,
0.3889


■ 32.8110, 0.3233,
0.3251

 23.8309, 0.2431,
0.3952

 34.6452, 0.3358,
0.3210

 36.6822, 0.3483,
0.3173

 38.9282, 0.3605,
0.3141

 41.3893, 0.3725,
0.3113

Harmonies

Analogous

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



26.4444, 0.3021, 0.3860



26.4444, 0.2670, 0.3529



26.4444, 0.2448, 0.3142

Triad

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



26.4444, 0.2670, 0.3529



26.4444, 0.2809, 0.2662



26.4444, 0.3913, 0.3683

Complementary

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



26.4444, 0.2670, 0.3529



14.7755, 0.3932, 0.3071

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.



26.4444, 0.3856, 0.3367



26.4444, 0.2670, 0.3529



26.4444, 0.3196, 0.2802

Square

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



26.4444, 0.2670, 0.3529



26.4444, 0.2524, 0.2667



26.4444, 0.3587, 0.3053



26.4444, 0.3746, 0.3924

Rectangle

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



26.4444, 0.2670, 0.3529



26.4444, 0.2394, 0.2921



26.4444, 0.3587, 0.3053



26.4444, 0.3920, 0.3581

Sweetspot

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



26.4455, 0.2670, 0.3529



52.2815, 0.2979, 0.3352



26.0409, 0.3197, 0.4481



11.8205, 0.2965, 0.3358



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.



26.4455, 0.2670, 0.3529



45.3838, 0.2591, 0.3594



21.4808, 0.2521, 0.2955



7.0047, 0.3015, 0.3336



19.9848, 0.2430, 0.3947



0.3037, 0.2339, 0.3620

Inverse Universe

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



14.7755, 0.3932, 0.3071



21.8685, 0.4224, 0.3026



17.8778, 0.4022, 0.3596



6.2425, 0.3253, 0.3244



5.6854, 0.6010, 0.3084



0.0894, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 26.4444, 0.2670, 0.3529 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 26.4444, 0.2670, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

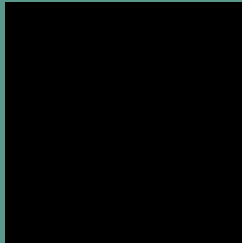
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4444, 0.2670, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 26.4444, 0.2670, 0.3529.

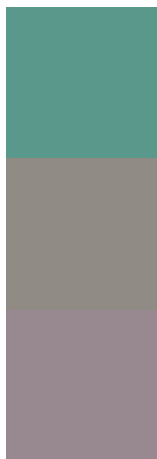


This preview shows how white text looks on a background with the Yxy color 26.4444, 0.2670, 0.3529.

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

26.4444, 0.2670, 0.3529

Protanopia

26.0605, 0.3254, 0.3406

Deuteranopia

26.2669, 0.3233, 0.3179



Tritanopia

26.5010, 0.2544, 0.3079

Trichromacy



Original Color

26.4444, 0.2670, 0.3529

Protanomaly

25.9809, 0.3006, 0.3447

Deuteranomaly

25.9661, 0.2991, 0.3290

Tritanomaly

26.4398, 0.2590, 0.3235

Monochromacy



Original Color

26.4444, 0.2670, 0.3529

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.9275, 0.2923, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4444, 0.2670, 0.3529 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, 152, 139)` looks like.

```
.text, #text, p{  
  color:rgb(89, 152, 139)  
}
```

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, 152, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 152, 139) }
```

Border

The CSS property to change the border of an element to Yxy 26.4444, 0.2670, 0.3529 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, 152, 139) }
```

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

```
.border{ border-color:rgb(89, 152, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 152, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 152, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 152, 139);  
box-shadow:4px 4px 4px 4px rgb(89, 152,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4444, 0.2670, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 152, 139) }
```

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

```
.background{ background-color: rgb(89, 152,  
139) }
```

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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