

# Converting Colors

$Yxy(26.0477, 0.2609, 0.3437)$

Have a look what the booklet for  
Yxy(26.0477, 0.2609, 0.3437)  
contains.

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# Color

**$\text{Yxy}(26.0477, 0.2609, 0.3437)$**

# Conversions

## Conversions Part 1

Format	Color
Hex	55978F
RGB	85, 151, 143
RGB Percent	33%, 59%, 56%
CMY	0.6665, 0.4078, 0.4393
CMYK	0.44, 0.00, 0.05, 0.41
HSL	173°, 28%, 46%
HSV	173°, 44%, 59%
XYZ	19.7726, 26.0477, 29.9658
YIQ	130.3540, -36.7680, -16.4800

# Conversions

## Conversions Part 2

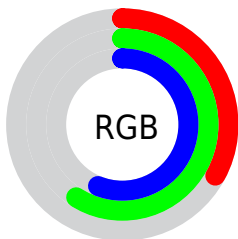
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 120, 151
Decimal	5609359
CIE <sub>Lab</sub>	58.08, -23.06, -2.36
CIE <sub>LCh</sub>	58, 23.177, 185.855
Yxy	26.0477, 0.2609, 0.3437
Android (android.graphics.Color)	4283799439 (0xFF55978F)
YUV	130.3540, 6.2345, -39.7755
Hunter-Lab	51.0369, -20.1606, 0.9143

# Details

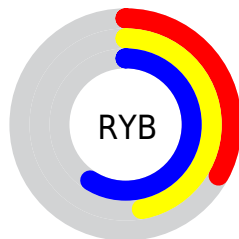
The Yxy color **26.0477, 0.2609, 0.3437** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.8742, 0.4092, 0.3156**, and the grayscale version is **22.4459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.0971, 0.2712, 0.3397**, and **10.1807, 0.2421, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **25.3603, 0.2523, 0.3476**, and if you desaturate by 10%, it is **26.8890, 0.2710, 0.3399**.

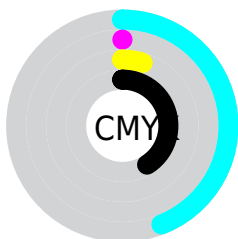
# Distribution



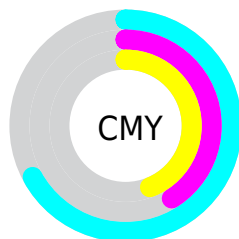
- Red (33%)
- Green (59%)
- Blue (56%)



- Red (33%)
- Yellow (47%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (5%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.0477, 0.2609, 0.3437 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 26.0477, 0.2609, 0.3437 by changing the saturation by 10% instead.



■ 26.0477, 0.2609,  
0.3437

■ 26.0477, 0.2609,  
0.3437

■ 283.0162, 0.2891,  
0.3359

■ 16.8593, 0.2530,  
0.3458

■ 53.3519, 0.2717,  
0.3408

■ 10.1342, 0.2424,  
0.3485

■ 72.2365, 0.2756,  
0.3397

■ 5.4881, 0.2272,  
0.3523

■ 95.1220, 0.2788,  
0.3388

■ 2.5364, 0.2038,  
0.3578

■ 122.3927, 0.2815,  
0.3381

■ 0.8948, 0.1233,  
0.3836

■ 154.4331, 0.2838,  
0.3374

■ 0.0000, 0.0000,  
0.0000

191.6275, 0.2858,

0.3368

234.3604, 0.2875,  
0.3364

■ 26.0477, 0.2609,  
0.3437

■ 26.0477, 0.2609,  
0.3437

■ 25.3603, 0.2523,  
0.3476

■ 26.8890, 0.2710,  
0.3399

■ 24.8138, 0.2454,  
0.3517

■ 27.8898, 0.2823,  
0.3364

■ 24.3987, 0.2404,  
0.3558


■ 29.0593, 0.2947,  
0.3331

■ 24.1024, 0.2371,  
0.3600


■ 30.4051, 0.3078,  
0.3300


■ 23.9103, 0.2357,  
0.3641


■ 31.9345, 0.3213,  
0.3273

 23.8166, 0.2352,  
0.3667

 33.6540, 0.3351,  
0.3248

 35.5701, 0.3489,  
0.3226

 37.6888, 0.3626,  
0.3207

 40.0161, 0.3760,  
0.3190

# Harmonies

## Analogous

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



26.0477, 0.2934, 0.3791



26.0477, 0.2609, 0.3437



26.0477, 0.2426, 0.3061

# Triad

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



26.0477, 0.2609, 0.3437



26.0477, 0.2895, 0.2688



26.0477, 0.3886, 0.3745

# Complementary

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



26.0477, 0.2609, 0.3437



13.8742, 0.4092, 0.3156

# 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.



26.0477, 0.3883, 0.3442



26.0477, 0.2609, 0.3437



26.0477, 0.3290, 0.2856

# Square

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



26.0477, 0.2609, 0.3437



26.0477, 0.2582, 0.2657



26.0477, 0.3660, 0.3124



26.0477, 0.3676, 0.3955



# Rectangle

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



26.0477, 0.2609, 0.3437



26.0477, 0.2400, 0.2861



26.0477, 0.3660, 0.3124



26.0477, 0.3911, 0.3650

# Sweetspot

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



26.0487, 0.2609, 0.3437



52.1375, 0.2952, 0.3330



25.1603, 0.3146, 0.4573



11.7455, 0.2926, 0.3336



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.



26.0487, 0.2609, 0.3437



45.4891, 0.2528, 0.3474



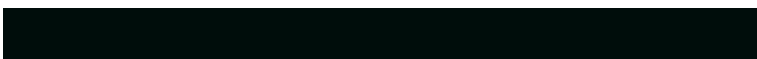
19.2985, 0.2474, 0.2825



7.0136, 0.3004, 0.3317



20.2646, 0.2351, 0.3664



0.3061, 0.2300, 0.3480



# Inverse Universe

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



13.8742, 0.4092, 0.3156



20.8866, 0.4426, 0.3132



18.2214, 0.4045, 0.3704



6.2343, 0.3265, 0.3263



5.6378, 0.6213, 0.3196

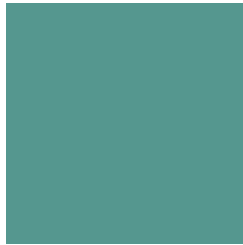


0.0871, 0.5507, 0.2807



# Previews

## White Background



This preview shows how the Yxy color 26.0477, 0.2609, 0.3437 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 26.0477, 0.2609, 0.3437 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

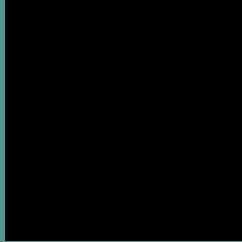
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**Yxy 26.0477, 0.2609, 0.3437**

## **Background**



This preview shows how black text looks on a background with the Yxy color 26.0477, 0.2609, 0.3437.



This preview shows how white text looks on a background with the Yxy color 26.0477, 0.2609, 0.3437.

# 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

26.0477, 0.2609, 0.3437

### Protanopia

25.7053, 0.3192, 0.3323

### Deuteranopia

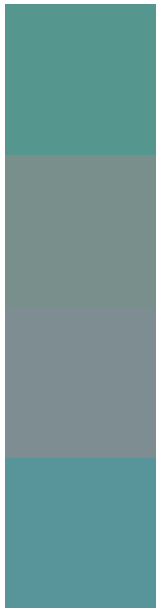
25.7928, 0.3169, 0.3114



## Tritanopia

25.8915, 0.2513, 0.3076

# Trichromacy



**Original Color**

26.0477, 0.2609, 0.3437

**Protanomaly**

25.5739, 0.2938, 0.3359

**Deuteranomaly**

25.5297, 0.2932, 0.3221

**Tritanomaly**

25.9027, 0.2544, 0.3198

# Monochromacy



**Original Color**

26.0477, 0.2609, 0.3437

**Achromatopsia**

22.3228, 0.3127, 0.3290

**Achromatomaly**

23.5036, 0.2903, 0.3344

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.0477, 0.2609, 0.3437 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(85, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(85, 151, 143)  
}
```

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(85, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 151, 143) }
```

## Border

The CSS property to change the border of an element to Yxy 26.0477, 0.2609, 0.3437 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(85, 151, 143) }
```

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

```
.border{ border-color:rgb(85, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(85, 151,  
143) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.0477, 0.2609, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 151, 143) }
```

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

```
.background{ background-color: rgb(85, 151,  
143) }
```

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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