

Converting Colors

$Yxy(26.0164, 0.2664, 0.3398)$

Have a look what the booklet for
Yxy(26.0164, 0.2664, 0.3398)
contains.

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Color

$Y_{xy}(26.2060, 0.2665, 0.3398)$

Conversions

Conversions Part 1

Format	Color
Hex	5E9690
RGB	94, 150, 144
RGB Percent	37%, 59%, 56%
CMY	0.6316, 0.4117, 0.4353
CMYK	0.37, 0.00, 0.04, 0.41
HSL	174°, 23%, 48%
HSV	174°, 37%, 59%
XYZ	20.5530, 26.2060, 30.3629
YIQ	132.5720, -31.4500, -13.7380

Conversions

Conversions Part 2

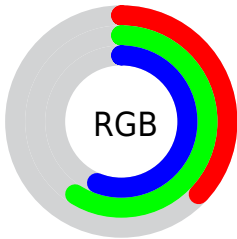
Format	Color
R _Y B	94, 124, 150
Decimal	6198928
CIE Lab	58.23, -19.85, -2.68
CIE LCh	58, 20.035, 187.682
Yxy	26.2060, 0.2665, 0.3398
Android (android.graphics.Color)	4284389008 (0xFF5E9690)
YUV	132.5720, 5.6340, -33.8276
Hunter-Lab	51.1918, -17.9198, 0.6682

Details

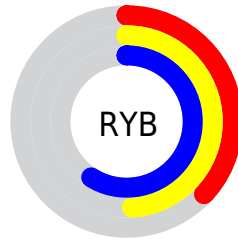
The Yxy color **26.2060, 0.2665, 0.3398** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.4010, 0.3908, 0.3189**, and the grayscale version is **23.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4660, 0.2761, 0.3369**, and **10.2454, 0.2501, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **25.4413, 0.2568, 0.3432**, and if you desaturate by 10%, it is **27.1276, 0.2775, 0.3366**.

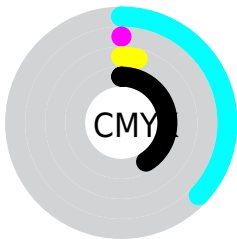
Distribution



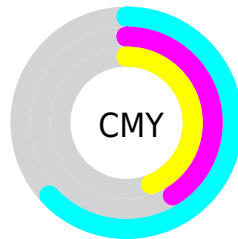
- Red (37%)
- Green (59%)
- Blue (56%)



- Red (37%)
- Yellow (49%)
- Blue (59%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)





- Cyan (63%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2060, 0.2665, 0.3398 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 26.2060, 0.2665, 0.3398 by changing the saturation by 10% instead.


 26.2060, 0.2665,
0.3398


 26.2060, 0.2665,
0.3398


283.7919, 0.2916,
0.3341

 16.9778, 0.2595,
0.3413


 53.6071, 0.2762,
0.3377


 10.2187, 0.2500,
0.3432


 72.5488, 0.2796,
0.3369

 5.5442, 0.2364,
0.3459

 95.4971, 0.2825,
0.3363

 2.5700, 0.2154,
0.3497

 122.8364, 0.2849,
0.3357

 0.9116, 0.1533,
0.3662

154.9512, 0.2869,
0.3352

 0.0000, 0.0000,
0.0000

192.2257, 0.2887,

0.3348

235.0445, 0.2903,
0.3345

■ 26.2060, 0.2665,
0.3398

■ 26.2060, 0.2665,
0.3398

■ 25.4413, 0.2568,
0.3432

■ 27.1276, 0.2775,
0.3366

■ 24.8213, 0.2488,
0.3466

■ 28.2112, 0.2897,
0.3336

■ 24.3373, 0.2424,
0.3502

■ 29.4656, 0.3027,
0.3309

■ 23.9781, 0.2379,
0.3538

■ 30.8978, 0.3163,
0.3284

■ 23.7308, 0.2352,
0.3575

■ 32.5146, 0.3303,
0.3261

■ 23.5731, 0.2341,
0.3610

■ 34.3226, 0.3443,
0.3241

■ 23.5358, 0.2339,
0.3620

■ 36.3277, 0.3583,
0.3223

■ 38.5357, 0.3720,
0.3207

■ 40.9524, 0.3854,
0.3194

Harmonies

Analogous

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



26.2060, 0.2943, 0.3703



26.2060, 0.2665, 0.3398



26.2060, 0.2512, 0.3079

Triad

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



26.2060, 0.2665, 0.3398



26.2060, 0.2947, 0.2770



26.2060, 0.3776, 0.3702

Complementary

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



26.2060, 0.2665, 0.3398



15.4010, 0.3908, 0.3189

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.



26.2060, 0.3784, 0.3443



26.2060, 0.2665, 0.3398



26.2060, 0.3290, 0.2924

Square

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



26.2060, 0.2665, 0.3398



26.2060, 0.2668, 0.2738



26.2060, 0.3603, 0.3164



26.2060, 0.3587, 0.3871

Rectangle

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



26.2060, 0.2665, 0.3398



26.2060, 0.2496, 0.2908



26.2060, 0.3603, 0.3164



26.2060, 0.3801, 0.3623

Sweetspot

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



26.2070, 0.2665, 0.3398



51.1043, 0.2976, 0.3319



25.3608, 0.3138, 0.4364



11.2660, 0.2961, 0.3322



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.2070, 0.2665, 0.3398



45.0751, 0.2582, 0.3427



20.1542, 0.2563, 0.2885



6.5516, 0.3003, 0.3314



19.5199, 0.2338, 0.3617



0.2414, 0.2289, 0.3440

Inverse Universe

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



15.4010, 0.3908, 0.3189



23.1323, 0.4184, 0.3167



19.6546, 0.3869, 0.3659



5.8249, 0.3266, 0.3267



5.4115, 0.6237, 0.3210



0.0682, 0.5584, 0.2850

Previews

White Background



This preview shows how the Yxy color 26.2060, 0.2665, 0.3398 looks on a white background.

Color Contrast Check

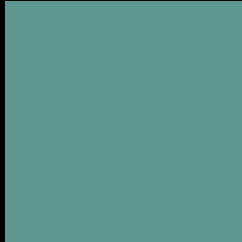
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2060, 0.2665, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

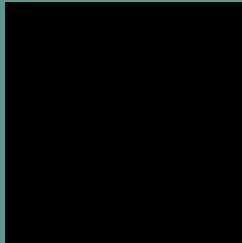
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2060, 0.2665, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 26.2060, 0.2665, 0.3398.



This preview shows how white text looks on a background with the Yxy color 26.2060, 0.2665, 0.3398.

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

26.2060, 0.2665, 0.3398

Protanopia

26.0222, 0.3180, 0.3323

Deuteranopia

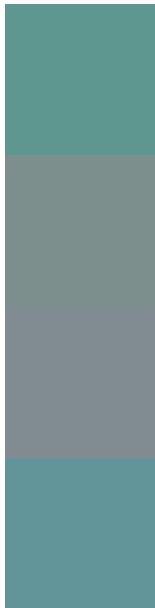
25.8241, 0.3158, 0.3098



Tritanopia

26.3145, 0.2571, 0.3079

Trichromacy



Original Color

26.2060, 0.2665, 0.3398

Protanomaly

25.8983, 0.2969, 0.3341

Deuteranomaly

25.4986, 0.2953, 0.3188

Tritanomaly

26.3694, 0.2610, 0.3200

Monochromacy



Original Color

26.2060, 0.2665, 0.3398

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.1933, 0.2935, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2060, 0.2665, 0.3398 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(94, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 144)  
}
```

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(94, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.2060, 0.2665, 0.3398 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(94, 150, 144) }
```

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

```
.border{ border-color:rgb(94, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2060, 0.2665, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 144) }
```

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

```
.background{ background-color: rgb(94, 150,  
144) }
```

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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