

Converting Colors

$Yxy(26.5185, 0.2725, 0.3651)$

Have a look what the booklet for
Yxy(26.5185, 0.2725, 0.3651)
contains.

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Color

$Y_{xy}(26.6496, 0.2726, 0.3662)$

Conversions

Conversions Part 1

Format	Color
Hex	5A9985
RGB	90, 153, 133
RGB Percent	35%, 60%, 52%
CMY	0.6472, 0.4000, 0.4785
CMYK	0.41, 0.00, 0.13, 0.40
HSL	161°, 26%, 48%
HSV	161°, 41%, 60%
XYZ	19.8380, 26.6496, 26.2857
YIQ	131.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

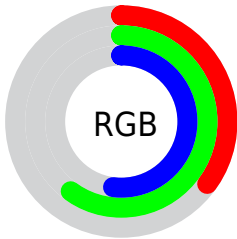
Format	Color
R_{YB}	90, 127, 153
Decimal	5937541
CIE _{Lab}	58.65, -25.17, 4.17
CIE _{LCh}	59, 25.514, 170.590
Yxy	26.6496, 0.2726, 0.3662
Android (android.graphics.Color)	4284127621 (0xFF5A9985)
YUV	131.8830, 0.5507, -36.7314
Hunter-Lab	51.6233, -21.7459, 5.9468

Details

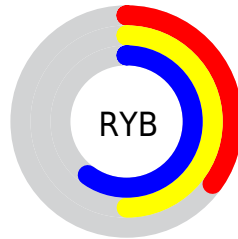
The Yxy color **26.6496, 0.2726, 0.3662** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.2045, 0.3810, 0.2955**, and the grayscale version is **23.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4966, 0.2813, 0.3586**, and **10.5549, 0.2577, 0.3803** is the 20% darker color. If you saturate the color by 10%, you get **25.8300, 0.2653, 0.3771**, and if you desaturate by 10%, it is **27.6355, 0.2811, 0.3560**.

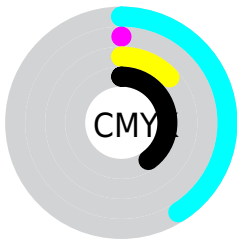
Distribution



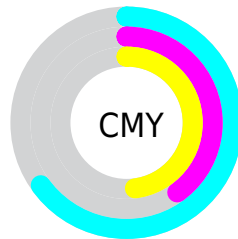
- Red (35%)
- Green (60%)
- Blue (52%)



- Red (35%)
- Yellow (50%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (40%)




- Cyan (65%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6496, 0.2726, 0.3662 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 26.6496, 0.2726, 0.3662 by changing the saturation by 10% instead.


 26.6496, 0.2726,
0.3662


 26.6496, 0.2726,
0.3662


285.9565, 0.2947,
0.3455


 17.3102, 0.2663,
0.3722


 54.3211, 0.2812,
0.3581


 10.4559, 0.2577,
0.3806


 73.4220, 0.2842,
0.3552

 5.7023, 0.2452,
0.3929

 96.5455, 0.2867,
0.3529

 2.6649, 0.2255,
0.4128

 124.0761, 0.2888,
0.3509

 0.9594, 0.1474,
0.4783

156.3981, 0.2906,
0.3493

 0.0000, 0.0000,
0.0000

193.8959, 0.2921,

0.3478

236.9539, 0.2935,
0.3466

■ 26.6496, 0.2726,
0.3662

■ 26.6496, 0.2726,
0.3662

■ 25.8300, 0.2653,
0.3771

■ 27.6355, 0.2811,
0.3560

■ 25.1635, 0.2595,
0.3885

■ 28.7935, 0.2906,
0.3465

■ 24.6404, 0.2555,
0.4002


■ 30.1330, 0.3008,
0.3378


■ 24.2483, 0.2533,
0.4121

■ 31.6618, 0.3114,
0.3299

■ 23.9725, 0.2531,
0.4240

■ 33.3872, 0.3222,
0.3228

 23.7939, 0.2540,
0.4344

 35.3161, 0.3331,
0.3165

 37.4552, 0.3437,
0.3109

 39.8107, 0.3542,
0.3060

 42.3887, 0.3643,
0.3017

Harmonies

Analogous

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



26.6496, 0.3128, 0.3978



26.6496, 0.2726, 0.3662



26.6496, 0.2443, 0.3239

Triad

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



26.6496, 0.2726, 0.3662



26.6496, 0.2683, 0.2600



26.6496, 0.3987, 0.3620

Complementary

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



26.6496, 0.2726, 0.3662



15.2045, 0.3810, 0.2955

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.



26.6496, 0.3857, 0.3273



26.6496, 0.2726, 0.3662



26.6496, 0.3079, 0.2710

Square

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



26.6496, 0.2726, 0.3662



26.6496, 0.2421, 0.2649



26.6496, 0.3515, 0.2950



26.6496, 0.3867, 0.3914

Rectangle

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



26.6496, 0.2726, 0.3662



26.6496, 0.2351, 0.2980



26.6496, 0.3515, 0.2950



26.6496, 0.3971, 0.3506

Sweetspot

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



26.6507, 0.2726, 0.3662



53.6943, 0.2997, 0.3386



26.9013, 0.3271, 0.4446



11.7920, 0.2985, 0.3396



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.



26.6507, 0.2726, 0.3662



46.4185, 0.2661, 0.3757



23.9676, 0.2546, 0.3096



6.9932, 0.3029, 0.3362



19.6688, 0.2538, 0.4335



0.3006, 0.2394, 0.3819

Inverse Universe

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



15.2045, 0.3810, 0.2955



23.1977, 0.4034, 0.2887



16.7156, 0.4067, 0.3471



6.2534, 0.3236, 0.3220



5.7830, 0.5644, 0.2883



0.0925, 0.4596, 0.2306

Previews

White Background



This preview shows how the Yxy color 26.6496, 0.2726, 0.3662 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 26.6496, 0.2726, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

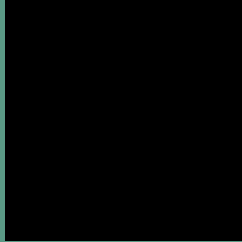
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6496, 0.2726, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 26.6496, 0.2726, 0.3662.



This preview shows how white text looks on a background with the Yxy color 26.6496, 0.2726, 0.3662.

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

26.6496, 0.2726, 0.3662

Protanopia

26.3735, 0.3338, 0.3522

Deuteranopia

26.3830, 0.3331, 0.3275



Tritanopia

26.6095, 0.2559, 0.3079

Trichromacy



Original Color

26.6496, 0.2726, 0.3662

Protanomaly

26.2714, 0.3083, 0.3569

Deuteranomaly

25.9489, 0.3069, 0.3392

Tritanomaly

26.4267, 0.2612, 0.3271

Monochromacy



Original Color

26.6496, 0.2726, 0.3662

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2040, 0.2962, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6496, 0.2726, 0.3662 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(90, 153, 133)` looks like.

```
.text, #text, p{  
    color:rgb(90, 153, 133)  
}
```

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(90, 153, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 153, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.6496, 0.2726, 0.3662 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(90, 153, 133) }
```

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

```
.border{ border-color:rgb(90, 153, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 153, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 153, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 153, 133);  
box-shadow:4px 4px 4px 4px rgb(90, 153,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6496, 0.2726, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 153, 133) }
```

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

```
.background{ background-color: rgb(90, 153,  
133) }
```

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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