

Converting Colors

$Y_{xy}(26.6994, 0.2832, 0.3941)$

Have a look what the booklet for
Yxy(26.6994, 0.2832, 0.3941)
contains.

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Color

Yxy(26.6409, 0.2830, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	5A9A78
RGB	90, 154, 120
RGB Percent	35%, 60%, 47%
CMY	0.6472, 0.3960, 0.5294
CMYK	0.42, 0.00, 0.22, 0.40
HSL	148°, 26%, 48%
HSV	148°, 42%, 60%
XYZ	19.1598, 26.6409, 21.9017
YIQ	130.9880, -27.2300, -24.1420

Conversions

Conversions Part 2

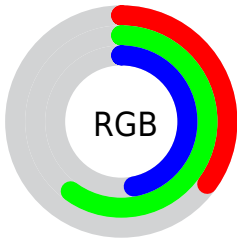
Format	Color
R_{YB}	90, 134, 154
Decimal	5937784
CIE _{Lab}	58.64, -28.56, 11.51
CIE _{LCh}	59, 30.786, 158.053
Yxy	26.6409, 0.2830, 0.3935
Android (android.graphics.Color)	4284127864 (0xFF5A9A78)
YUV	130.9880, -5.4171, -35.9465
Hunter-Lab	51.6148, -24.0655, 10.9718

Details

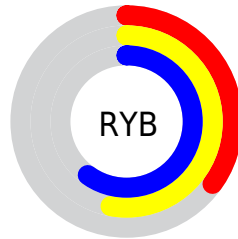
The Yxy color **26.6409, 0.2830, 0.3935** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.6323, 0.3602, 0.2731**, and the grayscale version is **22.7173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4191, 0.2900, 0.3797**, and **10.3697, 0.2711, 0.4204** is the 20% darker color. If you saturate the color by 10%, you get **25.7582, 0.2777, 0.4126**, and if you desaturate by 10%, it is **27.7027, 0.2893, 0.3757**.

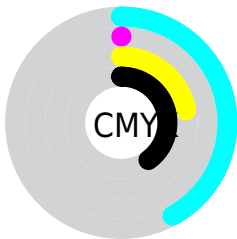
Distribution



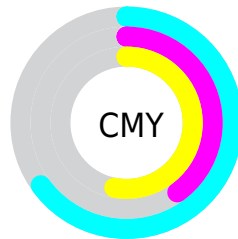
- Red (35%)
- Green (60%)
- Blue (47%)



- Red (35%)
- Yellow (53%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (22%)
- Black (40%)





- Cyan (65%)
- Magenta (40%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.6409, 0.2830, 0.3935 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 26.6409, 0.2830, 0.3935 by changing the saturation by 10% instead.


 26.6409, 0.2830,
0.3935


 26.6409, 0.2830,
0.3935


285.9142, 0.2999,
0.3569


 17.3037, 0.2779,
0.4045


 54.3071, 0.2897,
0.3789


 10.4513, 0.2708,
0.4199


 73.4049, 0.2921,
0.3739

 5.6992, 0.2601,
0.4431

 96.5250, 0.2940,
0.3697

 2.6630, 0.2422,
0.4817

 124.0518, 0.2955,
0.3663

 0.9585, 0.1507,
0.6809

156.3698, 0.2969,
0.3634

 0.0000, 0.0000,
0.0000

193.8632, 0.2980,

0.3609

236.9166, 0.2990,
0.3588

■ 26.6409, 0.2830,
0.3935

■ 26.6409, 0.2830,
0.3935

■ 25.7582, 0.2777,
0.4126

■ 27.7027, 0.2893,
0.3757

■ 25.0410, 0.2738,
0.4325

■ 28.9499, 0.2963,
0.3592

■ 24.4789, 0.2715,
0.4530

■ 30.3924, 0.3038,
0.3444


■ 24.0587, 0.2710,
0.4733


■ 32.0384, 0.3115,
0.3310

■ 23.7653, 0.2725,
0.4929

■ 33.8957, 0.3192,
0.3191

 23.5847, 0.2746,
0.5086

 35.9716, 0.3268,
0.3086

 38.2731, 0.3343,
0.2993

 40.8069, 0.3414,
0.2912

 43.5793, 0.3483,
0.2841

Harmonies

Analogous

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



26.6409, 0.3336, 0.4212



26.6409, 0.2830, 0.3935



26.6409, 0.2425, 0.3440

Triad

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



26.6409, 0.2830, 0.3935



26.6409, 0.2443, 0.2469



26.6409, 0.4137, 0.3501

Complementary

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



26.6409, 0.2830, 0.3935



15.6323, 0.3602, 0.2731

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.



26.6409, 0.3861, 0.3096



26.6409, 0.2830, 0.3935



26.6409, 0.2853, 0.2528

Square

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



26.6409, 0.2830, 0.3935



26.6409, 0.2220, 0.2605



26.6409, 0.3375, 0.2751



26.6409, 0.4111, 0.3892

Rectangle

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



26.6409, 0.2830, 0.3935



26.6409, 0.2259, 0.3097



26.6409, 0.3375, 0.2751



26.6409, 0.4077, 0.3363

Sweetspot

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



26.6420, 0.2830, 0.3935



55.0203, 0.3033, 0.3453



28.1457, 0.3405, 0.4410



12.3795, 0.3024, 0.3470



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.6420, 0.2830, 0.3935



46.8712, 0.2780, 0.4114



27.5487, 0.2587, 0.3327



6.9714, 0.3056, 0.3411



19.2200, 0.2742, 0.5072



0.2946, 0.2524, 0.4285

Inverse Universe

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



15.6323, 0.3602, 0.2731



24.0742, 0.3760, 0.2610



14.9522, 0.4121, 0.3257



6.2747, 0.3205, 0.3172



6.0980, 0.4785, 0.2409



0.0985, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 26.6409, 0.2830, 0.3935 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 26.6409, 0.2830, 0.3935 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 26.6409, 0.2830, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 26.6409, 0.2830, 0.3935.



This preview shows how white text looks on a background with the Yxy color 26.6409, 0.2830, 0.3935.

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

26.6409, 0.2830, 0.3935

Protanopia

26.3380, 0.3511, 0.3736

Deuteranopia

26.2568, 0.3536, 0.3465



Tritanopia

26.7774, 0.2581, 0.3081

Trichromacy



Original Color

26.6409, 0.2830, 0.3935

Protanomaly

26.1009, 0.3230, 0.3801

Deuteranomaly

25.9270, 0.3242, 0.3617

Tritanomaly

26.6953, 0.2668, 0.3379

Monochromacy



Original Color

26.6409, 0.2830, 0.3935

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7105, 0.3000, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6409, 0.2830, 0.3935 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, 154, 120)` looks like.

```
.text, #text, p{  
    color:rgb(90, 154, 120)  
}
```

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, 154, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 154, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.6409, 0.2830, 0.3935 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, 154, 120) }
```

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

```
.border{ border-color:rgb(90, 154, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 154, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 154, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 154, 120);  
box-shadow:4px 4px 4px 4px rgb(90, 154,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6409, 0.2830, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 154, 120) }
```

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

```
.background{ background-color: rgb(90, 154,  
120) }
```

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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