

Converting Colors

$Yxy(27.0277, 0.3080, 0.4277)$

Have a look what the booklet for
Yxy(27.0277, 0.3080, 0.4277)
contains.

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Color

Yxy(26.8953, 0.3081, 0.4265)

Conversions

Conversions Part 1

Format	Color
Hex	669A66
RGB	102, 154, 102
RGB Percent	40%, 60%, 40%
CMY	0.6002, 0.3960, 0.6000
CMYK	0.34, 0.00, 0.34, 0.40
HSL	120°, 20%, 50%
HSV	120°, 34%, 60%
XYZ	19.4289, 26.8953, 16.7363
YIQ	132.5240, -14.3000, -27.1960

Conversions

Conversions Part 2

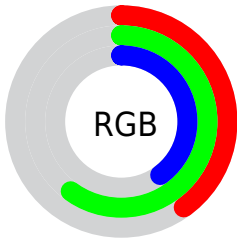
Format	Color
RYB	102, 154, 154
Decimal	6724198
CIELab	58.88, -28.21, 21.96
CIElCh	59, 35.752, 142.095
Yxy	26.8953, 0.3081, 0.4265
Android (android.graphics.Color)	4284914278 (0xFF669A66)
YUV	132.5240, -15.0483, -26.7695
Hunter-Lab	51.8607, -23.8835, 17.1687

Details

The Yxy color **26.8953, 0.3081, 0.4265** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.6963, 0.3166, 0.2476**, and the grayscale version is **23.3297, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8694, 0.3106, 0.4051**, and **10.4991, 0.3039, 0.4669** is the 20% darker color. If you saturate the color by 10%, you get **25.8017, 0.3065, 0.4611**, and if you desaturate by 10%, it is **28.2150, 0.3096, 0.3940**.

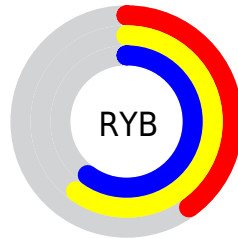
Distribution



Red (40%)

Green (60%)

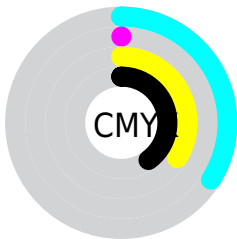
Blue (40%)



Red (40%)

Yellow (60%)

Blue (60%)

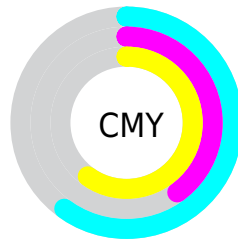


Cyan (34%)

Magenta (0%)

Yellow (34%)

Black (40%)



Cyan (60%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8953, 0.3081, 0.4265 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 26.8953, 0.3081, 0.4265 by changing the saturation by 10% instead.

 26.8953, 0.3081,
0.4265


 26.8953, 0.3081,
0.4265


287.1498, 0.3121,
0.3708


 17.4946, 0.3062,
0.4433


 54.7158, 0.3101,
0.4043


 10.5878, 0.3031,
0.4668


 73.9044, 0.3107,
0.3966

 5.7904, 0.2973,
0.5020

 97.1245, 0.3111,
0.3903

 2.7180, 0.2860,
0.5612

 124.7603, 0.3114,
0.3850

 0.9864, 0.1993,
0.8007

157.1964, 0.3116,
0.3806

 0.0000, 0.0000,
0.0000

194.8171, 0.3118,

0.3769

238.0067, 0.3120,
0.3736

■ 26.8953, 0.3081,
0.4265

■ 26.8953, 0.3081,
0.4265

■ 25.8017, 0.3065,
0.4611

■ 28.2150, 0.3096,
0.3940

■ 24.9183, 0.3048,
0.4961

■ 29.7689, 0.3110,
0.3644

■ 24.2327, 0.3033,
0.5293


■ 31.5688, 0.3123,
0.3381


■ 23.7296, 0.3019,
0.5581


■ 33.6246, 0.3134,
0.3151


■ 23.3917, 0.3009,
0.5801


■ 35.9459, 0.3143,
0.2952


 23.1981, 0.3003,
0.5938

 38.5416, 0.3151,
0.2781

 23.1156, 0.3000,
0.5999

 41.4204, 0.3158,
0.2634

 44.5903, 0.3164,
0.2508

 48.0593, 0.3170,
0.2399

Harmonies

Analogous

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



26.8953, 0.3663, 0.4379



26.8953, 0.3081, 0.4265



26.8953, 0.2541, 0.3788

Triad

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



26.8953, 0.3081, 0.4265



26.8953, 0.2182, 0.2403



26.8953, 0.4168, 0.3271

Complementary

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



26.8953, 0.3081, 0.4265



18.6963, 0.3166, 0.2476

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.



26.8953, 0.3693, 0.2843



26.8953, 0.3081, 0.4265



26.8953, 0.2537, 0.2361

Square

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



26.8953, 0.3081, 0.4265



26.8953, 0.2057, 0.2674



26.8953, 0.3081, 0.2521



26.8953, 0.4325, 0.3735

Rectangle

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



26.8953, 0.3081, 0.4265



26.8953, 0.2274, 0.3374



26.8953, 0.3081, 0.2521



26.8953, 0.4039, 0.3121

Sweetspot

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



26.8964, 0.3081, 0.4265



55.1935, 0.3115, 0.3545



30.9449, 0.3622, 0.4108



12.3987, 0.3113, 0.3581



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.



26.8964, 0.3081, 0.4265



47.2253, 0.3068, 0.4541



27.4952, 0.2865, 0.3764



6.9257, 0.3116, 0.3519



18.8296, 0.3000, 0.5999



0.2815, 0.2999, 0.5995

Inverse Universe

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



18.6963, 0.3166, 0.2476



29.8741, 0.3175, 0.2292



17.9223, 0.3509, 0.2863



6.3236, 0.3138, 0.3071



7.4944, 0.3211, 0.1543



0.1121, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.8953, 0.3081, 0.4265 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 26.8953, 0.3081, 0.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

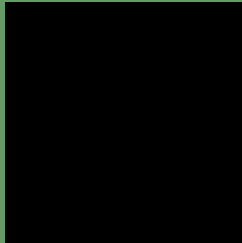
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8953, 0.3081, 0.4265

Background



This preview shows how black text looks on a background with the Yxy color 26.8953, 0.3081, 0.4265.



This preview shows how white text looks on a background with the Yxy color 26.8953, 0.3081, 0.4265.

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

26.8953, 0.3081, 0.4265

Protanopia

26.6851, 0.3723, 0.4003

Deuteranopia

26.4755, 0.3813, 0.3740



Tritanopia

26.8814, 0.2697, 0.3085

Trichromacy



Original Color

26.8953, 0.3081, 0.4265

Protanomaly

26.5270, 0.3460, 0.4104

Deuteranomaly

26.2056, 0.3518, 0.3915

Tritanomaly

26.8989, 0.2839, 0.3503

Monochromacy



Original Color

26.8953, 0.3081, 0.4265

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.5925, 0.3111, 0.3632

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8953, 0.3081, 0.4265 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(102, 154, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 154, 102)  
}
```

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(102, 154, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 154, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.8953, 0.3081, 0.4265 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(102, 154, 102) }
```

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

```
.border{ border-color:rgb(102, 154, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 154, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 154, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 154, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 154,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8953, 0.3081, 0.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 154, 102) }
```

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

```
.background{ background-color: rgb(102,  
154, 102) }
```

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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