

Converting Colors

$Yxy(26.5640, 0.2925, 0.3822)$

Have a look what the booklet for
Yxy(26.5640, 0.2925, 0.3822)
contains.

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Color

Yxy(26.4814, 0.2931, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	68977A
RGB	104, 151, 122
RGB Percent	41%, 59%, 48%
CMY	0.5920, 0.4079, 0.5215
CMYK	0.31, 0.00, 0.19, 0.41
HSL	143°, 18%, 50%
HSV	143°, 31%, 59%
XYZ	20.2920, 26.4814, 22.4590
YIQ	133.6410, -18.7030, -18.9830

Conversions

Conversions Part 2

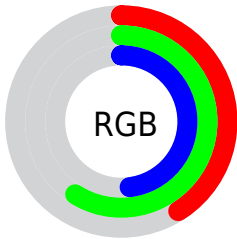
Format	Color
RYB	104, 138, 151
Decimal	6854522
CIELab	58.49, -22.25, 10.26
CIELCh	58, 24.500, 155.235
Yxy	26.4814, 0.2931, 0.3825
Android (android.graphics.Color)	4285044602 (0xFF68977A)
YUV	133.6410, -5.7390, -25.9952
Hunter-Lab	51.4601, -19.6680, 10.1458

Details

The Yxy color **26.4814, 0.2931, 0.3825** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.1805, 0.3394, 0.2811**, and the grayscale version is **23.7316, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7866, 0.2976, 0.3706**, and **10.4076, 0.2858, 0.4055** is the 20% darker color. If you saturate the color by 10%, you get **25.4379, 0.2877, 0.4033**, and if you desaturate by 10%, it is **27.7110, 0.2991, 0.3634**.

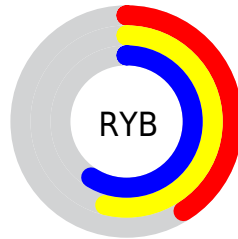
Distribution



Red (41%)

Green (59%)

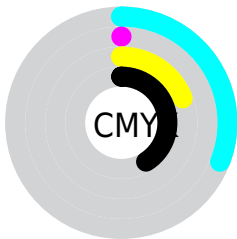
Blue (48%)



Red (41%)

Yellow (54%)

Blue (59%)

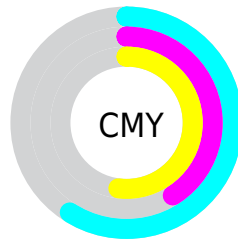


Cyan (31%)

Magenta (0%)

Yellow (19%)

Black (41%)



Cyan (59%)


Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4814, 0.2931, 0.3825 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 26.4814, 0.2931, 0.3825 by changing the saturation by 10% instead.


 26.4814, 0.2931,
0.3825


 26.4814, 0.2931,
0.3825


285.1373, 0.3043,
0.3523


 17.1841, 0.2897,
0.3915


 54.0506, 0.2976,
0.3705

 10.3659, 0.2849,
0.4041


 73.0912, 0.2991,
0.3664

 5.6422, 0.2777,
0.4230


 96.1485, 0.3004,
0.3629

 2.6288, 0.2655,
0.4543

 123.6067, 0.3014,
0.3601

 0.9411, 0.2193,
0.5891

155.8503, 0.3023,
0.3577

 0.0000, 0.0000,
0.0000

193.2637, 0.3031,

0.3556

236.2312, 0.3037,
0.3538

■ 26.4814, 0.2931,
0.3825

■ 26.4814, 0.2931,
0.3825

■ 25.4379, 0.2877,
0.4033

■ 27.7110, 0.2991,
0.3634

■ 24.5681, 0.2831,
0.4256

■ 29.1322, 0.3055,
0.3461

■ 23.8628, 0.2798,
0.4488

■ 30.7539, 0.3120,
0.3306

■ 23.3111, 0.2780,
0.4724

■ 32.5837, 0.3185,
0.3169

■ 22.9002, 0.2779,
0.4955

■ 34.6290, 0.3248,
0.3048

■ 22.6153, 0.2795,
0.5171

■ 36.8963, 0.3309,
0.2942

■ 22.4354, 0.2819,
0.5349

■ 39.3924, 0.3368,
0.2849

■ 42.1234, 0.3424,
0.2768

■ 45.0954, 0.3476,
0.2698

Harmonies

Analogous

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



26.4814, 0.3341, 0.4023



26.4814, 0.2931, 0.3825



26.4814, 0.2589, 0.3452

Triad

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



26.4814, 0.2931, 0.3825



26.4814, 0.2550, 0.2628



26.4814, 0.3920, 0.3440

Complementary

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



26.4814, 0.2931, 0.3825



18.1805, 0.3394, 0.2811

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.



26.4814, 0.3681, 0.3109



26.4814, 0.2931, 0.3825



26.4814, 0.2874, 0.2658

Square

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



26.4814, 0.2931, 0.3825



26.4814, 0.2381, 0.2762



26.4814, 0.3289, 0.2830



26.4814, 0.3927, 0.3760

Rectangle

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



26.4814, 0.2931, 0.3825



26.4814, 0.2440, 0.3181



26.4814, 0.3289, 0.2830



26.4814, 0.3864, 0.3327

Sweetspot

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



26.4825, 0.2931, 0.3825



52.7050, 0.3067, 0.3430



28.1820, 0.3393, 0.4093



11.8939, 0.3059, 0.3451



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.



26.4825, 0.2931, 0.3825



46.1520, 0.2894, 0.3962



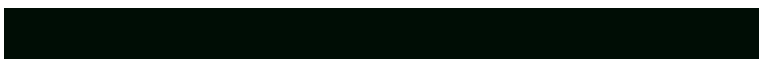
27.1131, 0.2742, 0.3400



6.9628, 0.3067, 0.3430



19.0928, 0.2816, 0.5337



0.2922, 0.2587, 0.4513

Inverse Universe

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



18.1805, 0.3394, 0.2811



28.9702, 0.3470, 0.2706



17.6189, 0.3714, 0.3185



6.2835, 0.3192, 0.3154



6.2780, 0.4437, 0.2218



0.1009, 0.3798, 0.1866

Previews

White Background



This preview shows how the Yxy color 26.4814, 0.2931, 0.3825 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 26.4814, 0.2931, 0.3825 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 26.4814, 0.2931, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 26.4814, 0.2931, 0.3825.



This preview shows how white text looks on a background with the Yxy color 26.4814, 0.2931, 0.3825.

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

26.4814, 0.2931, 0.3825

Protanopia

26.3130, 0.3468, 0.3688

Deuteranopia

26.1795, 0.3513, 0.3450



Tritanopia

26.4059, 0.2686, 0.3083

Trichromacy



Original Color

26.4814, 0.2931, 0.3825

Protanomaly

26.1601, 0.3256, 0.3742

Deuteranomaly

25.9940, 0.3278, 0.3579

Tritanomaly

26.4123, 0.2769, 0.3342

Monochromacy



Original Color

26.4814, 0.2931, 0.3825

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.5788, 0.3044, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4814, 0.2931, 0.3825 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(104, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(104, 151, 122)  
}
```

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(104, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 151, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.4814, 0.2931, 0.3825 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(104, 151, 122) }
```

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

```
.border{ border-color:rgb(104, 151, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 151, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(104, 151,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4814, 0.2931, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 151, 122) }
```

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

```
.background{ background-color: rgb(104,  
151, 122) }
```

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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