

Converting Colors

$Y_{xy}(26.9225, 0.3076, 0.3971)$

Have a look what the booklet for
Yxy(26.9225, 0.3076, 0.3971)
contains.

Yxy(26.7929, 0.3076, 0.3965)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(26.7929, 0.3076, 0.3965)$

Conversions

Conversions Part 1

Format	Color
Hex	709772
RGB	112, 151, 114
RGB Percent	44%, 59%, 45%
CMY	0.5608, 0.4078, 0.5529
CMYK	0.26, 0.00, 0.25, 0.41
HSL	123°, 16%, 52%
HSV	123°, 26%, 59%
XYZ	20.7856, 26.7929, 19.9950
YIQ	135.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

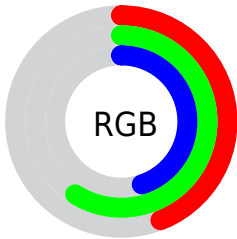
Format	Color
RYB	112, 149, 151
Decimal	7378802
CIELab	58.78, -21.10, 15.25
CIELCh	59, 26.035, 144.131
Yxy	26.7929, 0.3076, 0.3965
Android (android.graphics.Color)	4285568882 (0xFF709772)
YUV	135.1210, -10.4127, -20.2771
Hunter-Lab	51.7619, -18.9044, 13.3303

Details

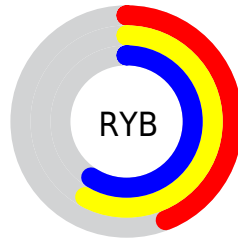
The Yxy color $26.7929, 0.3076, 0.3965$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.3376, 0.3180, 0.2697$, and the grayscale version is $24.3186, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4151, 0.3095, 0.3808$, and $10.5645, 0.3042, 0.4235$ is the 20% darker color. If you saturate the color by 10%, you get $25.5841, 0.3055, 0.4278$, and if you desaturate by 10%, it is $28.2212, 0.3097, 0.3679$.

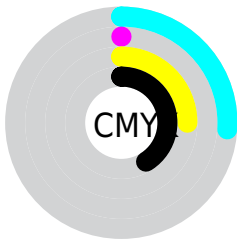
Distribution



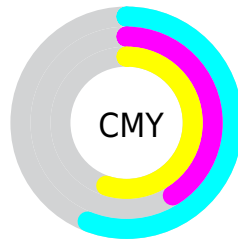
- Red (44%)
- Green (59%)
- Blue (45%)



- Red (44%)
- Yellow (58%)
- Blue (59%)



- Cyan (26%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)





- Cyan (56%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.7929, 0.3076, 0.3965 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 26.7929, 0.3076, 0.3965 by changing the saturation by 10% instead.


 26.7929, 0.3076,
0.3965


 26.7929, 0.3076,
0.3965


286.6530, 0.3111,
0.3583


 17.4177, 0.3063,
0.4079


 54.5514, 0.3092,
0.3814

 10.5328, 0.3042,
0.4238


 73.7035, 0.3097,
0.3761

 5.7536, 0.3006,
0.4476

 96.8833, 0.3100,
0.3718

 2.6958, 0.2935,
0.4868

 124.4753, 0.3103,
0.3682

 0.9751, 0.2955,
0.7045

156.8639, 0.3106,
0.3651

 0.0000, 0.0000,
0.0000

194.4335, 0.3108,

0.3625

237.5684, 0.3110,
0.3603

■ 26.7929, 0.3076,
0.3965

■ 26.7929, 0.3076,
0.3965

■ 25.5841, 0.3055,
0.4278

■ 28.2212, 0.3097,
0.3679

■ 24.5807, 0.3035,
0.4610

■ 29.8755, 0.3116,
0.3424

■ 23.7724, 0.3017,
0.4946

■ 31.7663, 0.3135,
0.3200

■ 23.1463, 0.3002,
0.5267

■ 33.9023, 0.3151,
0.3006

■ 22.6884, 0.2993,
0.5549

■ 36.2918, 0.3167,
0.2837

■ 22.3824, 0.2989,
0.5770

■ 38.9429, 0.3180,
0.2692

■ 22.2061, 0.2991,
0.5917

■ 41.8632, 0.3193,
0.2567

■ 22.1515, 0.2989,
0.5959

■ 45.0598, 0.3204,
0.2460

■ 48.5398, 0.3214,
0.2367

Harmonies

Analogous

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



26.7929, 0.3507, 0.4081



26.7929, 0.3076, 0.3965



26.7929, 0.2677, 0.3620

Triad

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



26.7929, 0.3076, 0.3965



26.7929, 0.2432, 0.2623



26.7929, 0.3899, 0.3314

Complementary

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



26.7929, 0.3076, 0.3965



20.3376, 0.3180, 0.2697

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.



26.7929, 0.3571, 0.2980



26.7929, 0.3076, 0.3965



26.7929, 0.2717, 0.2593

Square

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



26.7929, 0.3076, 0.3965



26.7929, 0.2323, 0.2827



26.7929, 0.3130, 0.2723



26.7929, 0.4001, 0.3664

Rectangle

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



26.7929, 0.3076, 0.3965



26.7929, 0.2479, 0.3331



26.7929, 0.3130, 0.2723



26.7929, 0.3811, 0.3198

Sweetspot

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



26.7940, 0.3076, 0.3965



52.7731, 0.3112, 0.3481



29.6990, 0.3484, 0.3920



11.8966, 0.3109, 0.3516



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.



26.7940, 0.3076, 0.3965



46.6814, 0.3064, 0.4143



27.2851, 0.2906, 0.3602



6.9305, 0.3110, 0.3508



18.8451, 0.2988, 0.5955



0.2829, 0.2927, 0.5738

Inverse Universe

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



20.3376, 0.3180, 0.2697



33.1058, 0.3193, 0.2563



19.7673, 0.3422, 0.2999



6.3182, 0.3145, 0.3082



7.2921, 0.3339, 0.1613



0.1105, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 26.7929, 0.3076, 0.3965 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 26.7929, 0.3076, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

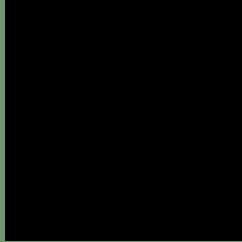
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7929, 0.3076, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 26.7929, 0.3076, 0.3965.



This preview shows how white text looks on a background with the Yxy color 26.7929, 0.3076, 0.3965.

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

26.7929, 0.3076, 0.3965

Protanopia

26.6379, 0.3562, 0.3816

Deuteranopia

26.6792, 0.3648, 0.3588



Tritanopia

26.6782, 0.2772, 0.3087

Trichromacy



Original Color

26.7929, 0.3076, 0.3965

Protanomaly

26.6327, 0.3367, 0.3874

Deuteranomaly

26.2400, 0.3418, 0.3710

Tritanomaly

26.5724, 0.2884, 0.3394

Monochromacy



Original Color

26.7929, 0.3076, 0.3965

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.0941, 0.3116, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7929, 0.3076, 0.3965 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(112, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(112, 151, 114)  
}
```

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(112, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 151, 114) }
```

Border

The CSS property to change the border of an element to Yxy 26.7929, 0.3076, 0.3965 is called "border". The border property can be set on classes, ids or directly on the HTML element.

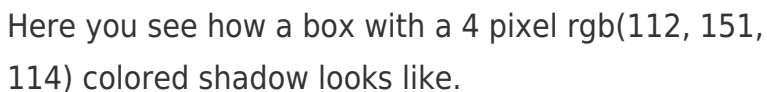
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 151, 114) }
```

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

```
.border{ border-color:rgb(112, 151, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 151, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(112, 151,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7929, 0.3076, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 151, 114) }
```

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

```
.background{ background-color: rgb(112,  
151, 114) }
```

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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