

Converting Colors

$Y_{xy}(26.6165, 0.3021, 0.3582)$

Have a look what the booklet for
Yxy(26.6165, 0.3021, 0.3582)
contains.

Yxy(26.5441, 0.3022, 0.3589)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5441, 0.3022, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	799382
RGB	121, 147, 130
RGB Percent	47%, 58%, 51%
CMY	0.5254, 0.4235, 0.4902
CMYK	0.18, 0.00, 0.12, 0.42
HSL	141°, 11%, 53%
HSV	141°, 18%, 58%
XYZ	22.3506, 26.5441, 25.0649
YIQ	137.2880, -10.0390, -10.7990

Conversions

Conversions Part 2

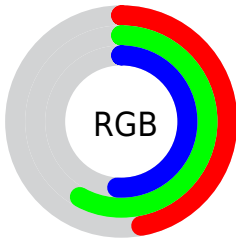
Format	Color
R_{YB}	121, 140, 147
Decimal	7967618
CIE _{Lab}	58.55, -12.72, 5.96
CIE _{LCh}	59, 14.046, 154.891
Yxy	26.5441, 0.3022, 0.3589
Android (android.graphics.Color)	4286157698 (0xFF799382)
YUV	137.2880, -3.5930, -14.2846
Hunter-Lab	51.5210, -12.7256, 7.2201

Details

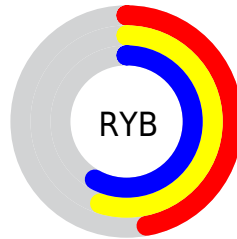
The Yxy color $26.5441, 0.3022, 0.3589$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.7190, 0.3250, 0.3009$, and the grayscale version is $25.1497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1909, 0.3047, 0.3522$, and $10.3375, 0.2977, 0.3690$ is the 20% darker color. If you saturate the color by 10%, you get $25.3162, 0.2965, 0.3785$, and if you desaturate by 10%, it is $27.9602, 0.3081, 0.3412$.

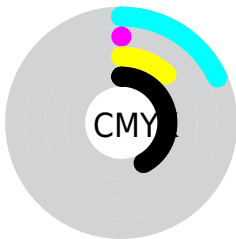
Distribution



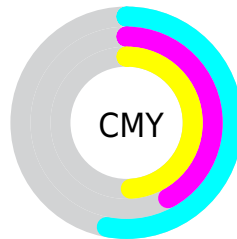
- Red (47%)
- Green (58%)
- Blue (51%)



- Red (47%)
- Yellow (55%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)
- Black (42%)





- Cyan (53%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5441, 0.3022, 0.3589 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 26.5441, 0.3022, 0.3589 by changing the saturation by 10% instead.


 26.5441, 0.3022,
0.3589


 26.5441, 0.3022,
0.3589


285.4429, 0.3081,
0.3422


 17.2311, 0.3005,
0.3638


 54.1514, 0.3045,
0.3524

 10.3994, 0.2980,
0.3705


 73.2146, 0.3053,
0.3501

 5.6646, 0.2944,
0.3805

 96.2965, 0.3060,
0.3482

 2.6422, 0.2885,
0.3967

123.7818, 0.3066,
0.3466

 0.9479, 0.2739,
0.4407

156.0546, 0.3070,
0.3453

 0.0000, 0.0000,
0.0000

193.4995, 0.3074,

0.3441

236.5008, 0.3078,
0.3431

■ 26.5441, 0.3022,
0.3589

■ 26.5441, 0.3022,
0.3589

■ 25.3162, 0.2965,
0.3785

■ 27.9602, 0.3081,
0.3412

■ 24.2653, 0.2913,
0.4001

■ 29.5687, 0.3141,
0.3255

■ 23.3839, 0.2867,
0.4232

■ 31.3776, 0.3200,
0.3116

■ 22.6626, 0.2833,
0.4475

■ 33.3938, 0.3257,
0.2994

■ 22.0915, 0.2811,
0.4723

■ 35.6236, 0.3312,
0.2887

■ 21.6589, 0.2805,
0.4967

■ 38.0731, 0.3364,
0.2794

■ 21.3518, 0.2816,
0.5196

■ 40.7482, 0.3413,
0.2713

■ 21.1464, 0.2841,
0.5403

■ 43.6545, 0.3459,
0.2642

■ 21.1041, 0.2847,
0.5449

■ 46.7974, 0.3503,
0.2580

Harmonies

Analogous

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



26.5441, 0.3260, 0.3700



26.5441, 0.3022, 0.3589



26.5441, 0.2818, 0.3388

Triad

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



26.5441, 0.3022, 0.3589



26.5441, 0.2789, 0.2902



26.5441, 0.3577, 0.3386

Complementary

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



26.5441, 0.3022, 0.3589



21.7190, 0.3250, 0.3009

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.



26.5441, 0.3441, 0.3186



26.5441, 0.3022, 0.3589



26.5441, 0.2982, 0.2914

Square

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



26.5441, 0.3022, 0.3589



26.5441, 0.2687, 0.2991



26.5441, 0.3221, 0.3016



26.5441, 0.3586, 0.3570

Rectangle

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



26.5441, 0.3022, 0.3589



26.5441, 0.2726, 0.3238



26.5441, 0.3221, 0.3016



26.5441, 0.3544, 0.3318

Sweetspot

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



26.5452, 0.3022, 0.3589



50.7803, 0.3097, 0.3370



27.6802, 0.3289, 0.3728



11.5514, 0.3093, 0.3381



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.5452, 0.3022, 0.3589



46.6739, 0.3000, 0.3661



26.9066, 0.2907, 0.3364



6.4996, 0.3072, 0.3438



18.3011, 0.2844, 0.5438



0.2292, 0.2612, 0.4603

Inverse Universe

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



21.7190, 0.3250, 0.3009



36.4592, 0.3281, 0.2946



21.3732, 0.3402, 0.3218



5.8755, 0.3187, 0.3146



6.1177, 0.4290, 0.2137



0.0804, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 26.5441, 0.3022, 0.3589 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 26.5441, 0.3022, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

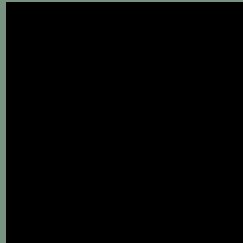
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5441, 0.3022, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 26.5441, 0.3022, 0.3589.

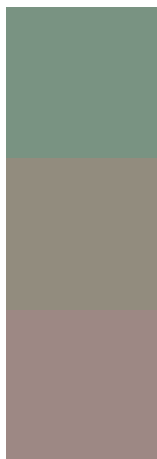


This preview shows how white text looks on a background with the Yxy color 26.5441, 0.3022, 0.3589.

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

26.5441, 0.3022, 0.3589

Protanopia

26.3735, 0.3338, 0.3522

Deuteranopia

26.4424, 0.3409, 0.3354



Tritanopia

26.3715, 0.2834, 0.3088

Trichromacy



Original Color

26.5441, 0.3022, 0.3589

Protanomaly

26.4956, 0.3222, 0.3561

Deuteranomaly

26.3242, 0.3263, 0.3439

Tritanomaly

26.3069, 0.2905, 0.3255

Monochromacy



Original Color

26.5441, 0.3022, 0.3589

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5963, 0.3089, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5441, 0.3022, 0.3589 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(121, 147, 130)` looks like.

```
.text, #text, p{  
    color:rgb(121, 147, 130)  
}
```

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(121, 147, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 147, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.5441, 0.3022, 0.3589 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(121, 147, 130) }
```

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

```
.border{ border-color:rgb(121, 147, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 147, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 147, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 147, 130); box-shadow:4px 4px 4px 4px rgb(121, 147, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5441, 0.3022, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 147, 130) }
```

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

```
.background{ background-color: rgb(121,  
147, 130) }
```

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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