

Converting Colors

$Y_{xy}(27.2941, 0.3381, 0.4102)$

Have a look what the booklet for
Yxy(27.2941, 0.3381, 0.4102)
contains.

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Color

Yxy(27.2795, 0.3388, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	839566
RGB	131, 149, 102
RGB Percent	51%, 58%, 40%
CMY	0.4862, 0.4157, 0.6000
CMYK	0.12, 0.00, 0.32, 0.42
HSL	83°, 19%, 49%
HSV	83°, 32%, 58%
XYZ	22.5092, 27.2795, 16.6494
YIQ	138.2600, 4.3590, -18.4330

Conversions

Conversions Part 2

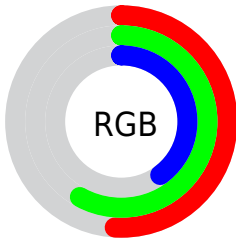
Format	Color
RYB	102, 149, 120
Decimal	8623462
CIELab	59.23, -14.93, 22.76
CIElCh	59, 27.222, 123.263
Yxy	27.2795, 0.3388, 0.4106
Android (android.graphics.Color)	4286813542 (0xFF839566)
YUV	138.2600, -17.8762, -6.3670
Hunter-Lab	52.2298, -14.4747, 17.6608

Details

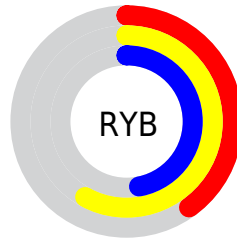
The Yxy color $27.2795, 0.3388, 0.4106$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6635, 0.2796, 0.2444$, and the grayscale version is $25.5909, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.3261, 0.3347, 0.3930$, and $10.7510, 0.3468, 0.4424$ is the 20% darker color. If you saturate the color by 10%, you get $26.5686, 0.3461, 0.4384$, and if you desaturate by 10%, it is $28.0709, 0.3308, 0.3833$.

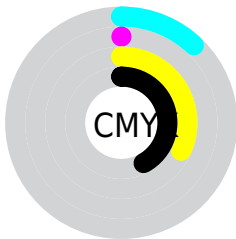
Distribution



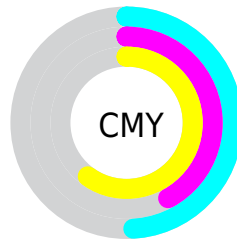
- Red (51%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (47%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)





- Cyan (49%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2795, 0.3388, 0.4106 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 27.2795, 0.3388, 0.4106 by changing the saturation by 10% instead.


 27.2795, 0.3388,
0.4106


 27.2795, 0.3388,
0.4106


289.0079, 0.3255,
0.3650

 17.7832, 0.3420,
0.4238


 55.3321, 0.3340,
0.3927


 10.7945, 0.3459,
0.4420


 74.6571, 0.3322,
0.3864

 5.9288, 0.3505,
0.4684

 98.0273, 0.3306,
0.3812

 2.8018, 0.3562,
0.5112

 125.8269, 0.3293,
0.3769

 1.0292, 0.3710,
0.6290

158.4404, 0.3282,
0.3732

 0.0000, 0.0000,
0.0000

196.2521, 0.3272,

0.3701

239.6465, 0.3263,
0.3673

■ 27.2795, 0.3388,
0.4106

■ 27.2795, 0.3388,
0.4106

■ 26.5686, 0.3461,
0.4384

■ 28.0709, 0.3308,
0.3833

■ 25.9314, 0.3523,
0.4657

■ 28.9423, 0.3224,
0.3572

■ 25.3656, 0.3569,
0.4913


■ 29.8978, 0.3140,
0.3326

■ 24.8673, 0.3595,
0.5142


■ 30.9399, 0.3058,
0.3099


■ 24.4322, 0.3598,
0.5330


■ 32.0712, 0.2979,
0.2892

 24.0551, 0.3578,
0.5471

 33.2943, 0.2904,
0.2704

 23.7708, 0.3549,
0.5564

 34.6113, 0.2834,
0.2535

 36.0246, 0.2769,
0.2383

 37.5364, 0.2709,
0.2246

Harmonies

Analogous

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



27.2795, 0.3786, 0.4041



27.2795, 0.3388, 0.4106



27.2795, 0.2938, 0.3905

Triad

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



27.2795, 0.3388, 0.4106



27.2795, 0.2307, 0.2725



27.2795, 0.3711, 0.3067

Complementary

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



27.2795, 0.3388, 0.4106



15.6635, 0.2796, 0.2444

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.



27.2795, 0.3272, 0.2772



27.2795, 0.3388, 0.4106



27.2795, 0.2478, 0.2570

Square

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



27.2795, 0.3388, 0.4106



27.2795, 0.2334, 0.3055



27.2795, 0.2821, 0.2593



27.2795, 0.3990, 0.3425

Rectangle

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



27.2795, 0.3388, 0.4106



27.2795, 0.2669, 0.3646



27.2795, 0.2821, 0.2593



27.2795, 0.3576, 0.2959

Sweetspot

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



27.2807, 0.3388, 0.4106



52.2249, 0.3204, 0.3512



20.5976, 0.3729, 0.3586



11.5247, 0.3215, 0.3546



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.



27.2807, 0.3388, 0.4106



47.9233, 0.3442, 0.4307



25.6579, 0.3147, 0.4170



6.6351, 0.3204, 0.3512



20.0250, 0.3553, 0.5561



0.2621, 0.3851, 0.5324

Inverse Universe

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



15.6635, 0.2796, 0.2444



23.6813, 0.2700, 0.2226



17.4884, 0.3082, 0.2512



5.7346, 0.3045, 0.3065



2.5735, 0.1840, 0.0787



0.0475, 0.2333, 0.1059

Previews

White Background



This preview shows how the Yxy color 27.2795, 0.3388, 0.4106 looks on a white background.

Color Contrast Check

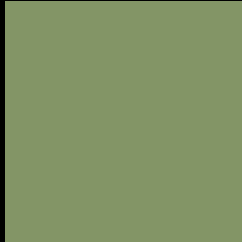
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2795, 0.3388, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

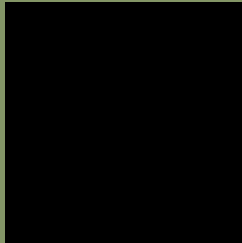
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2795, 0.3388, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 27.2795, 0.3388, 0.4106.



This preview shows how white text looks on a background with the Yxy color 27.2795, 0.3388, 0.4106.

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

27.2795, 0.3388, 0.4106

Protanopia

27.1169, 0.3709, 0.3983

Deuteranopia

26.9531, 0.3843, 0.3766



Tritanopia

27.0824, 0.2970, 0.3095

Trichromacy



Original Color

27.2795, 0.3388, 0.4106

Protanomaly

27.2819, 0.3591, 0.4036

Deuteranomaly

27.0178, 0.3674, 0.3886

Tritanomaly

27.1510, 0.3119, 0.3458

Monochromacy



Original Color

27.2795, 0.3388, 0.4106

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9776, 0.3222, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2795, 0.3388, 0.4106 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(131, 149, 102)` looks like.

```
.text, #text, p{  
    color:rgb(131, 149, 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(131, 149, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 149, 102) }
```

Border

The CSS property to change the border of an element to Yxy 27.2795, 0.3388, 0.4106 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(131, 149, 102) }
```

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

```
.border{ border-color:rgb(131, 149, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 149, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 149, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 149, 102);  
box-shadow:4px 4px 4px 4px rgb(131, 149,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2795, 0.3388, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 149, 102) }
```

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

```
.background{ background-color: rgb(131,  
149, 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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