

Converting Colors

$Y_{xy}(27.2944, 0.3112, 0.4103)$

Have a look what the booklet for
Yxy(27.2944, 0.3112, 0.4103)
contains.

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Color

$\text{Yxy}(27.2661, 0.3109, 0.4093)$

Conversions

Conversions Part 1

Format	Color
Hex	6F996D
RGB	111, 153, 109
RGB Percent	44%, 60%, 43%
CMY	0.5645, 0.4000, 0.5725
CMYK	0.27, 0.00, 0.29, 0.40
HSL	117°, 18%, 51%
HSV	117°, 29%, 60%
XYZ	20.7110, 27.2661, 18.6393
YIQ	135.4260, -10.9080, -22.5880

Conversions

Conversions Part 2

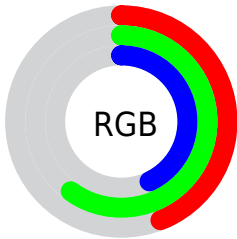
Format	Color
R_{YB}	109, 153, 151
Decimal	7313773
CIE _{Lab}	59.22, -23.34, 18.64
CIE _{LCh}	59, 29.873, 141.395
Yxy	27.2661, 0.3109, 0.4093
Android (android.graphics.Color)	4285503853 (0xFF6F996D)
YUV	135.4260, -13.0280, -21.4216
Hunter-Lab	52.2170, -20.5804, 15.3878

Details

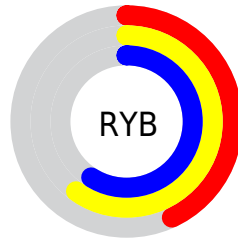
The Yxy color $27.2661, 0.3109, 0.4093$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.8122, 0.3134, 0.2591$, and the grayscale version is $24.4511, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.5775, 0.3120, 0.3914$, and $10.8638, 0.3087, 0.4424$ is the 20% darker color. If you saturate the color by 10%, you get $26.0951, 0.3099, 0.4426$, and if you desaturate by 10%, it is $28.6514, 0.3117, 0.3785$.

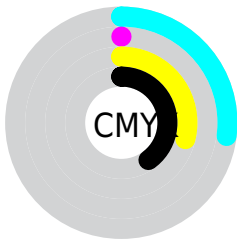
Distribution



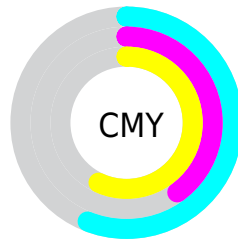
- Red (44%)
- Green (60%)
- Blue (43%)



- Red (43%)
- Yellow (60%)
- Blue (59%)



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (40%)





- Cyan (56%)
- Magenta (40%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.2661, 0.3109, 0.4093 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 27.2661, 0.3109, 0.4093 by changing the saturation by 10% instead.


 27.2661, 0.3109,
0.4093


 27.2661, 0.3109,
0.4093


288.9432, 0.3129,
0.3638


 17.7732, 0.3099,
0.4228


 55.3106, 0.3120,
0.3913


 10.7873, 0.3081,
0.4418


 74.6309, 0.3123,
0.3850

 5.9240, 0.3046,
0.4699

 97.9959, 0.3125,
0.3798

 2.7989, 0.2971,
0.5159

 125.7898, 0.3126,
0.3755

 1.0277, 0.2803,
0.7197

158.3971, 0.3127,
0.3719

 0.0000, 0.0000,
0.0000

196.2022, 0.3128,

0.3688

239.5894, 0.3128,
0.3661

■ 27.2661, 0.3109,
0.4093

■ 27.2661, 0.3109,
0.4093

■ 26.0951, 0.3099,
0.4426

■ 28.6514, 0.3117,
0.3785

■ 25.1244, 0.3086,
0.4772

■ 30.2572, 0.3123,
0.3507

■ 24.3439, 0.3071,
0.5113


■ 32.0939, 0.3128,
0.3261


■ 23.7410, 0.3055,
0.5425

■ 34.1701, 0.3131,
0.3047


■ 23.3017, 0.3039,
0.5682


■ 36.4939, 0.3133,
0.2861

 23.0101, 0.3023,
0.5866

 39.0731, 0.3134,
0.2700

 22.8425, 0.3013,
0.5978

 41.9152, 0.3135,
0.2562

 22.8266, 0.3012,
0.5990

 45.0274, 0.3135,
0.2442

 48.4164, 0.3134,
0.2339

Harmonies

Analogous

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



27.2661, 0.3596, 0.4192



27.2661, 0.3109, 0.4093



27.2661, 0.2649, 0.3712

Triad

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



27.2661, 0.3109, 0.4093



27.2661, 0.2322, 0.2547



27.2661, 0.3985, 0.3275

Complementary

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



27.2661, 0.3109, 0.4093



19.8122, 0.3134, 0.2591

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.



27.2661, 0.3589, 0.2907



27.2661, 0.3109, 0.4093



27.2661, 0.2624, 0.2500

Square

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



27.2661, 0.3109, 0.4093



27.2661, 0.2220, 0.2790



27.2661, 0.3081, 0.2632



27.2661, 0.4126, 0.3671

Rectangle

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



27.2661, 0.3109, 0.4093



27.2661, 0.2417, 0.3379



27.2661, 0.3081, 0.2632



27.2661, 0.3876, 0.3146

Sweetspot

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



27.2673, 0.3109, 0.4093



54.0614, 0.3123, 0.3518



29.9433, 0.3557, 0.3955



11.8470, 0.3122, 0.3554



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.



27.2673, 0.3109, 0.4093



47.3406, 0.3102, 0.4322



27.6117, 0.2919, 0.3724



6.9386, 0.3123, 0.3519



18.8713, 0.3014, 0.5989



0.2853, 0.3082, 0.5935

Inverse Universe

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



19.8122, 0.3134, 0.2591



31.5860, 0.3135, 0.2423



19.4083, 0.3407, 0.2894



6.3090, 0.3130, 0.3070



6.9479, 0.3096, 0.1479



0.1077, 0.3150, 0.1509

Previews

White Background



This preview shows how the Yxy color 27.2661, 0.3109, 0.4093 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 27.2661, 0.3109, 0.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

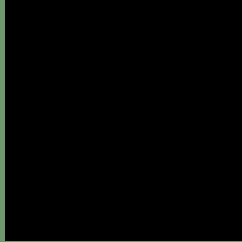
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.2661, 0.3109, 0.4093

Background



This preview shows how black text looks on a background with the Yxy color 27.2661, 0.3109, 0.4093.



This preview shows how white text looks on a background with the Yxy color 27.2661, 0.3109, 0.4093.

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

27.2661, 0.3109, 0.4093

Protanopia

27.1178, 0.3646, 0.3906

Deuteranopia

26.9076, 0.3729, 0.3647



Tritanopia

27.3291, 0.2767, 0.3105

Trichromacy



Original Color

27.2661, 0.3109, 0.4093

Protanomaly

27.0016, 0.3437, 0.3972

Deuteranomaly

26.6268, 0.3480, 0.3790

Tritanomaly

27.1702, 0.2894, 0.3446

Monochromacy



Original Color

27.2661, 0.3109, 0.4093

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.2880, 0.3114, 0.3572

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.2661, 0.3109, 0.4093 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(111, 153, 109)` looks like.

```
.text, #text, p{  
    color:rgb(111, 153, 109)  
}
```

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(111, 153, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 153, 109) }
```

Border

The CSS property to change the border of an element to Yxy 27.2661, 0.3109, 0.4093 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(111, 153, 109) }
```

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

```
.border{ border-color:rgb(111, 153, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 153, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 153, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 153, 109);  
box-shadow:4px 4px 4px 4px rgb(111, 153,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 27.2661, 0.3109, 0.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 153, 109) }
```

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

```
.background{ background-color: rgb(111,  
153, 109) }
```

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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