

Converting Colors

$Y_{xy}(29.5641, 0.3296, 0.4115)$

Have a look what the booklet for
Yxy(29.5641, 0.3296, 0.4115)
contains.

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Color

Yxy(29.5268, 0.3293, 0.4111)

Conversions

Conversions Part 1

Format	Color
Hex	819C6C
RGB	129, 156, 108
RGB Percent	51%, 61%, 42%
CMY	0.4940, 0.3882, 0.5764
CMYK	0.17, 0.00, 0.31, 0.39
HSL	94°, 20%, 52%
HSV	94°, 31%, 61%
XYZ	23.6516, 29.5268, 18.6455
YIQ	142.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

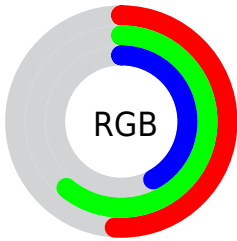
Format	Color
R_{YB}	108, 156, 135
Decimal	8494188
CIE _{Lab}	61.24, -18.45, 22.12
CIE _{LCh}	61, 28.804, 129.843
Yxy	29.5268, 0.3293, 0.4111
Android (android.graphics.Color)	4286684268 (0xFF819C6C)
YUV	142.4550, -16.9863, -11.8000
Hunter-Lab	54.3386, -17.3979, 17.6925

Details

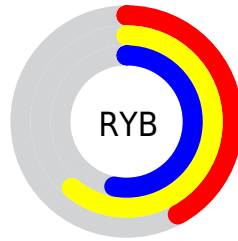
The Yxy color **29.5268, 0.3293, 0.4111** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.2806, 0.2906, 0.2487**, and the grayscale version is **27.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0717, 0.3260, 0.3936**, and **12.0917, 0.3329, 0.4427** is the 20% darker color. If you saturate the color by 10%, you get **28.5672, 0.3337, 0.4410**, and if you desaturate by 10%, it is **30.6074, 0.3242, 0.3824**.

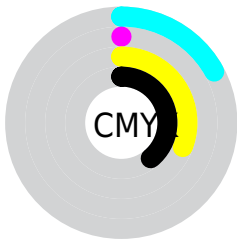
Distribution



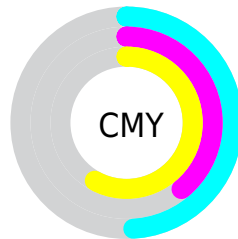
- Red (51%)
- Green (61%)
- Blue (42%)



- Red (42%)
- Yellow (61%)
- Blue (53%)



- Cyan (17%)
- Magenta (0%)
- Yellow (31%)
- Black (39%)





- Cyan (49%)
- Magenta (39%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.5268, 0.3293, 0.4111 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 29.5268, 0.3293, 0.4111 by changing the saturation by 10% instead.

 29.5268, 0.3293,
0.4111


 29.5268, 0.3293,
0.4111


299.6925, 0.3214,
0.3655


 19.4797, 0.3310,
0.4242


 58.9130, 0.3266,
0.3933

 12.0174, 0.3329,
0.4422

 79.0209, 0.3255,
0.3870

 6.7555, 0.3347,
0.4682


 103.2513, 0.3246,
0.3818

 3.3097, 0.3352,
0.5087

 131.9883, 0.3237,
0.3775

 1.2955, 0.3612,
0.6388

165.6166, 0.3230,
0.3738

 0.1377, 0.0000,
1.0000

204.5205, 0.3224,

 0.0000, 0.0000,

0.3706

0.0000

249.0843, 0.3218,
0.3679

■ 29.5268, 0.3293,
0.4111

■ 29.5268, 0.3293,
0.4111

■ 28.5672, 0.3337,
0.4410

■ 30.6074, 0.3242,
0.3824

■ 27.7200, 0.3371,
0.4710

■ 31.8095, 0.3187,
0.3555

■ 26.9817, 0.3390,
0.5000


■ 33.1386, 0.3131,
0.3308


■ 26.3466, 0.3392,
0.5262


■ 34.5984, 0.3076,
0.3083

■ 25.8089, 0.3375,
0.5483

■ 36.1927, 0.3022,
0.2882

 25.3616, 0.3338,
0.5651

 37.9251, 0.2971,
0.2701

 25.0152, 0.3294,
0.5766

 39.7991, 0.2923,
0.2541

 41.8178, 0.2877,
0.2398

 43.9846, 0.2835,
0.2272

Harmonies

Analogous

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



29.5268, 0.3726, 0.4099



29.5268, 0.3293, 0.4111



29.5268, 0.2835, 0.3846

Triad

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



29.5268, 0.3293, 0.4111



29.5268, 0.2306, 0.2657



29.5268, 0.3811, 0.3137

Complementary

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



29.5268, 0.3293, 0.4111



18.2806, 0.2906, 0.2487

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.



29.5268, 0.3382, 0.2815



29.5268, 0.3293, 0.4111



29.5268, 0.2523, 0.2540

Square

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



29.5268, 0.3293, 0.4111



29.5268, 0.2288, 0.2958



29.5268, 0.2907, 0.2602



29.5268, 0.4046, 0.3510

Rectangle

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



29.5268, 0.3293, 0.4111



29.5268, 0.2577, 0.3557



29.5268, 0.2907, 0.2602



29.5268, 0.3683, 0.3021

Sweetspot

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



29.5281, 0.3293, 0.4111



58.1421, 0.3179, 0.3515



25.3141, 0.3672, 0.3719



12.7243, 0.3186, 0.3550



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



29.5281, 0.3293, 0.4111



52.3931, 0.3325, 0.4319



28.1006, 0.3066, 0.4120



7.5360, 0.3179, 0.3517



20.6254, 0.3300, 0.5762



0.3934, 0.3623, 0.5505

Inverse Universe

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



18.2806, 0.2906, 0.2487



28.5877, 0.2842, 0.2290



20.1170, 0.3191, 0.2580



6.6099, 0.3071, 0.3065



3.6955, 0.2169, 0.0969



0.0909, 0.2589, 0.1200

Previews

White Background



This preview shows how the Yxy color 29.5268, 0.3293, 0.4111 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 29.5268, 0.3293, 0.4111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

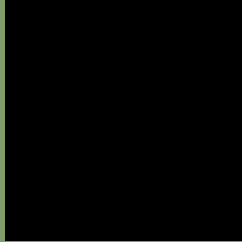
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.5268, 0.3293, 0.4111

Background



This preview shows how black text looks on a background with the Yxy color 29.5268, 0.3293, 0.4111.



This preview shows how white text looks on a background with the Yxy color 29.5268, 0.3293, 0.4111.

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

29.5268, 0.3293, 0.4111

Protanopia

29.2378, 0.3691, 0.3963

Deuteranopia

29.1961, 0.3820, 0.3736



Tritanopia

29.3865, 0.2900, 0.3099

Trichromacy



Original Color

29.5268, 0.3293, 0.4111

Protanomaly

29.1285, 0.3544, 0.4022

Deuteranomaly

28.9527, 0.3623, 0.3858

Tritanomaly

29.4778, 0.3040, 0.3454

Monochromacy



Original Color

29.5268, 0.3293, 0.4111

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.7975, 0.3187, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.5268, 0.3293, 0.4111 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(129, 156, 108)` looks like.

```
.text, #text, p{  
    color:rgb(129, 156, 108)  
}
```

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(129, 156, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 156, 108) }
```

Border

The CSS property to change the border of an element to Yxy 29.5268, 0.3293, 0.4111 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(129, 156, 108) }
```

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

```
.border{ border-color:rgb(129, 156, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 156, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 156, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 156, 108);  
box-shadow:4px 4px 4px 4px rgb(129, 156,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 29.5268, 0.3293, 0.4111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 156, 108) }
```

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

```
.background{ background-color: rgb(129,  
156, 108) }
```

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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