

Converting Colors

$Y_{xy}(28.0149, 0.4108, 0.5120)$

Have a look what the booklet for
Yxy(28.0149, 0.4108, 0.5120)
contains.

Yxy(27.9729, 0.4103, 0.5125)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(27.9729, 0.4103, 0.5125)

Conversions

Conversions Part 1	
Format	Color
Hex	8F9700
RGB	143, 151, 0
RGB Percent	56%, 59%, 0%
CMY	0.4392, 0.4078, 1.0000
CMYK	0.05, 0.00, 1.00, 0.41
HSL	63°, 100%, 30%
HSV	63°, 100%, 59%
XYZ	22.3947, 27.9729, 4.2137
YIQ	131.3940, 43.7030, -48.6570

Conversions

Conversions Part 2

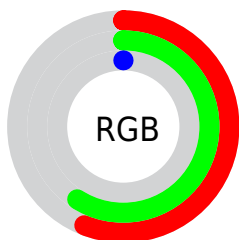
Format	Color
RYB	0, 151, 8
Decimal	9410304
CIELab	59.86, -18.18, 63.15
CIELCh	60, 65.716, 106.061
Yxy	27.9729, 0.4103, 0.5125
Android (android.graphics.Color)	4287600384 (0xFF8F9700)
YUV	131.3940, -64.7772, 10.1785
Hunter-Lab	52.8894, -16.9751, 32.2990

Details

The Yxy color **27.9729, 0.4103, 0.5125** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.2860, 0.1521, 0.0611**, and the grayscale version is **23.0719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4099, 0.3975, 0.4789**, and **11.1890, 0.3996, 0.5210** is the 20% darker color. If you saturate the color by 10%, you get **27.9746, 0.4103, 0.5124**, and if you desaturate by 10%, it is **28.0810, 0.4084, 0.5070**.

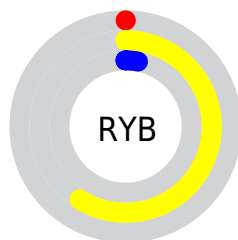
Distribution



Red (56%)

Green (59%)

Blue (0%)



Red (0%)

Yellow (59%)

Blue (3%)

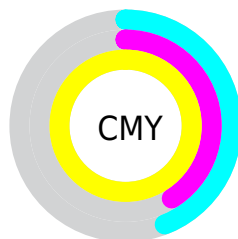


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (44%)


Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9729, 0.4103, 0.5125 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 27.9729, 0.4103, 0.5125 by changing the saturation by 10% instead.


 27.9729, 0.4103,
0.5125


 27.9729, 0.4103,
0.5125


 292.3374, 0.3674,
0.4176


 18.3052, 0.4157,
0.5335


 56.4412, 0.3978,
0.4791

 11.1693, 0.4205,
0.5599


 76.0106, 0.3921,
0.4660

 6.1809, 0.4158,
0.5842


 99.6493, 0.3868,
0.4548

 2.9554, 0.3950,
0.6050

 127.7418, 0.3820,
0.4452


 1.1085, 0.3489,
0.6511

 160.6725, 0.3778,
0.4369

 0.0000, 0.0000,
0.0000

 198.8257, 0.3739,


0.4296


 242.5859, 0.3705,
0.4232

 27.9729, 0.4103,
0.5125

 27.9729, 0.4103,
0.5125


 27.9746, 0.4103,
0.5124


 28.0810, 0.4084,
0.5070


 28.2131, 0.4048,
0.4984

 28.3827, 0.3986,
0.4857


 28.5946, 0.3901,
0.4690

 28.8526, 0.3795,
0.4489

 29.1604, 0.3673,
0.4264

 29.5210, 0.3540,
0.4023

 29.9374, 0.3402,
0.3775

 30.4123, 0.3263,
0.3529

Harmonies

Analogous

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



27.9729, 0.4886, 0.4461



27.9729, 0.4103, 0.5125



27.9729, 0.3137, 0.5275

Triad

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



27.9729, 0.4103, 0.5125



27.9729, 0.1391, 0.2296



27.9729, 0.3903, 0.2406

Complementary

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



27.9729, 0.4103, 0.5125



2.2860, 0.1521, 0.0611

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.



27.9729, 0.2797, 0.1962



27.9729, 0.4103, 0.5125



27.9729, 0.1516, 0.1851

Square

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



27.9729, 0.4103, 0.5125



27.9729, 0.1606, 0.3217



27.9729, 0.1973, 0.1764



27.9729, 0.4878, 0.3022

Rectangle

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



27.9729, 0.4103, 0.5125



27.9729, 0.2502, 0.4839



27.9729, 0.1973, 0.1764



27.9729, 0.3522, 0.2234

Sweetspot

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



27.9746, 0.4103, 0.5124



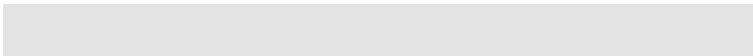
52.8248, 0.3548, 0.4038



6.7435, 0.6355, 0.3336



11.9473, 0.3600, 0.4132



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.



27.9746, 0.4103, 0.5124



50.0714, 0.4101, 0.5126



23.3614, 0.3311, 0.5753



7.2063, 0.3252, 0.3510



23.8016, 0.4103, 0.5124



0.3602, 0.4146, 0.5090

Inverse Universe

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



2.2860, 0.1521, 0.0611



4.0686, 0.1515, 0.0608



4.0758, 0.2139, 0.0952



6.0412, 0.2996, 0.3061



1.9487, 0.1523, 0.0612



0.0328, 0.1633, 0.0673

Previews

White Background



This preview shows how the Yxy color 27.9729, 0.4103, 0.5125 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 27.9729, 0.4103, 0.5125 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 27.9729, 0.4103, 0.5125

Background



This preview shows how black text looks on a background with the Yxy color 27.9729, 0.4103, 0.5125.



This preview shows how white text looks on a background with the Yxy color 27.9729, 0.4103, 0.5125.

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

27.9729, 0.4103, 0.5125

Protanopia

28.0373, 0.4399, 0.4889

Deuteranopia

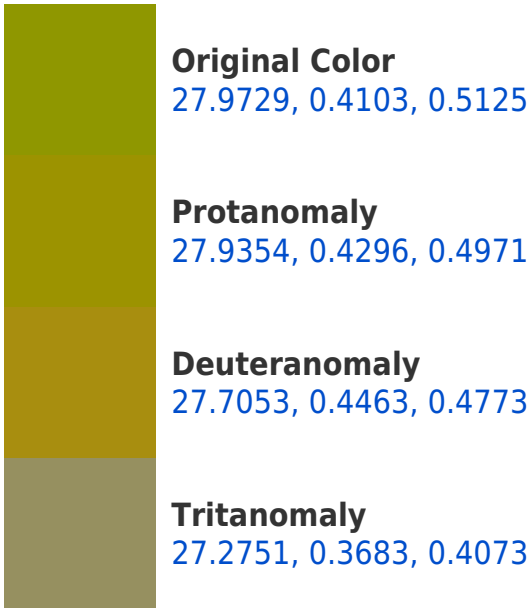
27.9024, 0.4652, 0.4570



Tritanopia

27.8606, 0.3167, 0.3119

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9729, 0.4103, 0.5125 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(143, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 0)  
}
```

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(143, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 0) }
```

Border

The CSS property to change the border of an element to Yxy 27.9729, 0.4103, 0.5125 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(143, 151, 0) }
```

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

```
.border{ border-color:rgb(143, 151, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 151, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9729, 0.4103, 0.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 0) }
```

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

```
.background{ background-color: rgb(143,  
151, 0) }
```

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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