

Converting Colors

$Y_{xy}(28.1984, 0.4079, 0.5143)$

Have a look what the booklet for
Yxy(28.1984, 0.4079, 0.5143)
contains.

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Color

Yxy(28.2073, 0.4080, 0.5142)

Conversions

Conversions Part 1

Format	Color
Hex	8E9800
RGB	142, 152, 0
RGB Percent	56%, 60%, 0%
CMY	0.4432, 0.4039, 0.9996
CMYK	0.07, 0.00, 1.00, 0.40
HSL	64°, 100%, 30%
HSV	64°, 100%, 60%
XYZ	22.3815, 28.2073, 4.2678
YIQ	131.6820, 42.8320, -49.3920

Conversions

Conversions Part 2

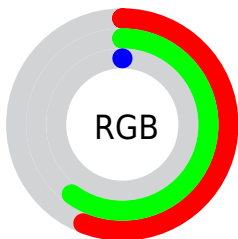
Format	Color
RYB	0, 152, 10
Decimal	9345024
CIELab	60.08, -19.15, 63.23
CIELCh	60, 66.064, 106.852
Yxy	28.2073, 0.4080, 0.5142
Android (android.graphics.Color)	4287535104 (0xFF8E9800)
YUV	131.6820, -64.9192, 9.0489
Hunter-Lab	53.1105, -17.7211, 32.4130

Details

The Yxy color **28.2073, 0.4080, 0.5142** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.3352, 0.1526, 0.0615**, and the grayscale version is **23.1848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.7526, 0.3960, 0.4803**, and **11.3336, 0.3964, 0.5234** is the 20% darker color. If you saturate the color by 10%, you get **28.2077, 0.4080, 0.5142**, and if you desaturate by 10%, it is **28.3329, 0.4064, 0.5085**.

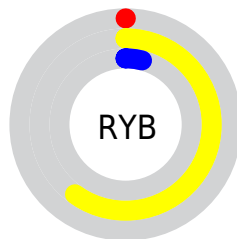
Distribution



Red (56%)

Green (60%)

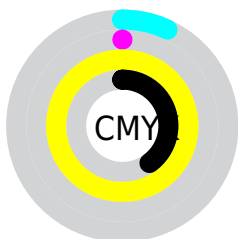
Blue (0%)



Red (0%)

Yellow (60%)

Blue (4%)

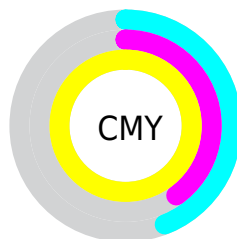


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (44%)


Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2073, 0.4080, 0.5142 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 28.2073, 0.4080, 0.5142 by changing the saturation by 10% instead.

 28.2073, 0.4080,
0.5142


 28.2073, 0.4080,
0.5142


293.4561, 0.3664,
0.4182


 18.4820, 0.4131,
0.5355


 56.8152, 0.3961,
0.4803


 11.2966, 0.4172,
0.5623


 76.4666, 0.3905,
0.4671

 6.2667, 0.4122,
0.5878


 100.1955, 0.3853,
0.4558

 3.0079, 0.3905,
0.6095

 128.3863, 0.3807,
0.4461

 1.1359, 0.3429,
0.6571

 161.4234, 0.3766,
0.4377


 0.0084, 0.0000,
1.0000


 199.6911, 0.3728,

 0.0000, 0.0000,


0.4303

0.0000


 243.5739, 0.3695,
0.4239


 28.2073, 0.4080,
0.5142


 28.2073, 0.4080,
0.5142


 28.2077, 0.4080,
0.5142

 28.3329, 0.4064,
0.5085

 28.4839, 0.4030,
0.4997

 28.6733, 0.3970,
0.4866

 28.9059, 0.3887,
0.4696

 29.1857, 0.3783,
0.4493

■ 29.5163, 0.3663,
0.4266

■ 29.9009, 0.3533,
0.4023

■ 30.3425, 0.3397,
0.3775

■ 30.8438, 0.3260,
0.3528

Harmonies

Analogous

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



28.2073, 0.4873, 0.4482



28.2073, 0.4080, 0.5142



28.2073, 0.3110, 0.5272

Triad

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



28.2073, 0.4080, 0.5142



28.2073, 0.1387, 0.2276



28.2073, 0.3935, 0.2419

Complementary

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



28.2073, 0.4080, 0.5142



2.3352, 0.1526, 0.0615

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.



28.2073, 0.2823, 0.1968



28.2073, 0.4080, 0.5142



28.2073, 0.1520, 0.1841

Square

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



28.2073, 0.4080, 0.5142



28.2073, 0.1593, 0.3186



28.2073, 0.1987, 0.1763



28.2073, 0.4901, 0.3038

Rectangle

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



28.2073, 0.4080, 0.5142



28.2073, 0.2477, 0.4818



28.2073, 0.1987, 0.1763



28.2073, 0.3553, 0.2245

Sweetspot

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



28.2086, 0.4080, 0.5142



52.7236, 0.3541, 0.4039



6.8439, 0.6354, 0.3336



11.9215, 0.3593, 0.4135



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.



28.2086, 0.4080, 0.5142



49.7526, 0.4078, 0.5144



23.7054, 0.3311, 0.5752



7.2022, 0.3251, 0.3511



23.6538, 0.4081, 0.5142



0.3590, 0.4135, 0.5099

Inverse Universe

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



2.3352, 0.1526, 0.0615



4.0868, 0.1519, 0.0610



4.1388, 0.2139, 0.0952



6.0448, 0.2998, 0.3061



1.9606, 0.1528, 0.0615



0.0338, 0.1665, 0.0691

Previews

White Background



This preview shows how the Yxy color 28.2073, 0.4080, 0.5142 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 28.2073, 0.4080, 0.5142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

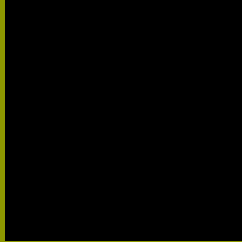
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2073, 0.4080, 0.5142

Background



This preview shows how black text looks on a background with the Yxy color 28.2073, 0.4080, 0.5142.



This preview shows how white text looks on a background with the Yxy color 28.2073, 0.4080, 0.5142.

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

28.2073, 0.4080, 0.5142

Protanopia

28.0373, 0.4399, 0.4889

Deuteranopia

28.0288, 0.4659, 0.4558



Tritanopia

28.0891, 0.3146, 0.3119

Trichromacy



Original Color

28.2073, 0.4080, 0.5142

Protanomaly

28.1484, 0.4273, 0.4989

Deuteranomaly

27.7082, 0.4461, 0.4769

Tritanomaly

27.5034, 0.3656, 0.4075

Monochromacy



Original Color

28.2073, 0.4080, 0.5142

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.3396, 0.3662, 0.4247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2073, 0.4080, 0.5142 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(142, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 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(142, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 0) }
```

Border

The CSS property to change the border of an element to Yxy 28.2073, 0.4080, 0.5142 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(142, 152, 0) }
```

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

```
.border{ border-color:rgb(142, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(142, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2073, 0.4080, 0.5142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 0) }
```

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

```
.background{ background-color: rgb(142,  
152, 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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