

Converting Colors

$Y_{xy}(30.3076, 0.4026, 0.5185)$

Have a look what the booklet for
Yxy(30.3076, 0.4026, 0.5185)
contains.

Yxy(30.2934, 0.4030, 0.5182)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.2934, 0.4030, 0.5182)

Conversions

Conversions Part 1

Format	Color
Hex	8F9E00
RGB	143, 158, 0
RGB Percent	56%, 62%, 0%
CMY	0.4391, 0.3804, 0.9998
CMYK	0.09, 0.00, 1.00, 0.38
HSL	66°, 100%, 31%
HSV	66°, 100%, 62%
XYZ	23.5589, 30.2934, 4.6066
YIQ	135.5030, 41.7780, -52.3180

Conversions

Conversions Part 2

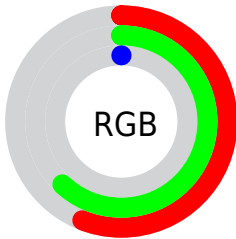
Format	Color
RYB	0, 158, 15
Decimal	9412096
CIELab	61.91, -21.72, 64.63
CIELCh	62, 68.185, 108.577
Yxy	30.2934, 0.4030, 0.5182
Android (android.graphics.Color)	4287602176 (0xFF8F9E00)
YUV	135.5030, -66.8030, 6.5749
Hunter-Lab	55.0394, -19.9144, 33.5653

Details

The Yxy color **30.2934, 0.4030, 0.5182** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.5712, 0.1537, 0.0620**, and the grayscale version is **24.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8474, 0.3926, 0.4838**, and **12.5901, 0.3898, 0.5287** is the 20% darker color. If you saturate the color by 10%, you get **30.2943, 0.4030, 0.5182**, and if you desaturate by 10%, it is **30.4662, 0.4020, 0.5122**.

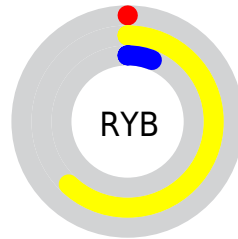
Distribution



Red (56%)

Green (62%)

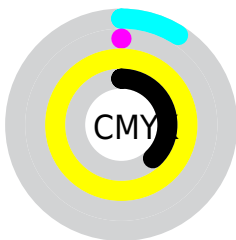
Blue (0%)



Red (0%)

Yellow (62%)

Blue (6%)

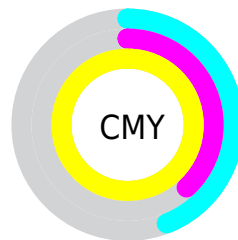


Cyan (9%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (44%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2934, 0.4030, 0.5182 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 30.2934, 0.4030, 0.5182 by changing the saturation by 10% instead.


 30.2934, 0.4030,
0.5182


 30.2934, 0.4030,
0.5182


303.2697, 0.3648,
0.4206

 20.0614, 0.4072,
0.5399


 60.1259, 0.3924,
0.4838


 12.4397, 0.4095,
0.5662


 80.4951, 0.3873,
0.4704

 7.0439, 0.4051,
0.5949


 105.0122, 0.3826,
0.4589

 3.4895, 0.3825,
0.6175

 134.0616, 0.3783,
0.4490

 1.3923, 0.3417,
0.6583

 168.0276, 0.3744,
0.4404

 0.2111, 0.0000,
1.0000


 207.2947, 0.3709,

 0.0000, 0.0000,

0.4330

0.0000

 252.2473, 0.3677,
0.4264


 30.2934, 0.4030,
0.5182


 30.2934, 0.4030,
0.5182


 30.2943, 0.4030,
0.5182

 30.4662, 0.4020,
0.5122

 30.6679, 0.3991,
0.5029

 30.9125, 0.3937,
0.4893

 31.2052, 0.3859,
0.4717

 31.5505, 0.3760,
0.4509

■ 31.9523, 0.3646,
0.4277

■ 32.4141, 0.3520,
0.4030

■ 32.9393, 0.3389,
0.3779

■ 33.5308, 0.3256,
0.3530

Harmonies

Analogous

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



30.2934, 0.4845, 0.4529



30.2934, 0.4030, 0.5182



30.2934, 0.3051, 0.5269

Triad

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



30.2934, 0.4030, 0.5182



30.2934, 0.1376, 0.2231



30.2934, 0.4006, 0.2445

Complementary

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



30.2934, 0.4030, 0.5182



2.5712, 0.1537, 0.0620

Split Complementary

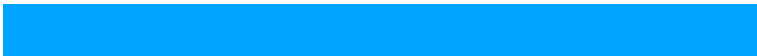
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.2934, 0.2880, 0.1980



30.2934, 0.4030, 0.5182



30.2934, 0.1529, 0.1819

Square

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



30.2934, 0.4030, 0.5182



30.2934, 0.1560, 0.3118



30.2934, 0.2018, 0.1759



30.2934, 0.4954, 0.3074

Rectangle

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



30.2934, 0.4030, 0.5182



30.2934, 0.2419, 0.4772



30.2934, 0.2018, 0.1759



30.2934, 0.3622, 0.2267

Sweetspot

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



30.2948, 0.4030, 0.5182



58.8126, 0.3528, 0.4046



7.5620, 0.6327, 0.3358



13.1817, 0.3579, 0.4145



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.2948, 0.4030, 0.5182



54.9704, 0.4027, 0.5185



25.6057, 0.3269, 0.5786



7.6884, 0.3247, 0.3512



24.2733, 0.4031, 0.5181



0.4424, 0.4101, 0.5126

Inverse Universe

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



2.5712, 0.1537, 0.0620



4.6272, 0.1529, 0.0616



4.7544, 0.2206, 0.0989



6.4638, 0.3001, 0.3060



2.0667, 0.1540, 0.0622



0.0447, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 30.2934, 0.4030, 0.5182 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2934, 0.4030, 0.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

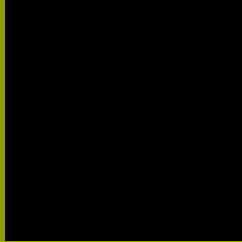
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2934, 0.4030, 0.5182

Background



This preview shows how black text looks on a background with the Yxy color 30.2934, 0.4030, 0.5182.



This preview shows how white text looks on a background with the Yxy color 30.2934, 0.4030, 0.5182.

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

30.2934, 0.4030, 0.5182

Protanopia

30.2477, 0.4404, 0.4885

Deuteranopia

30.1119, 0.4644, 0.4570



Tritanopia

30.3046, 0.3104, 0.3123

Trichromacy



Original Color

30.2934, 0.4030, 0.5182

Protanomaly

30.2560, 0.4271, 0.4991

Deuteranomaly

29.9909, 0.4429, 0.4794

Tritanomaly

29.6521, 0.3611, 0.4091

Monochromacy



Original Color

30.2934, 0.4030, 0.5182

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

26.1236, 0.3642, 0.4258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2934, 0.4030, 0.5182 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, 158, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 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, 158, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 0) }
```

Border

The CSS property to change the border of an element to Yxy 30.2934, 0.4030, 0.5182 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, 158, 0) }
```

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

```
.border{ border-color:rgb(143, 158, 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, 158, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2934, 0.4030, 0.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 0) }
```

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

```
.background{ background-color: rgb(143,  
158, 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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