

Converting Colors

$Y_{xy}(27.7259, 0.4054, 0.5014)$

Have a look what the booklet for
Yxy(27.7259, 0.4054, 0.5014)
contains.

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Color

Yxy(27.7269, 0.4055, 0.5014)

Conversions

Conversions Part 1

Format	Color
Hex	8F961A
RGB	143, 150, 26
RGB Percent	56%, 59%, 10%
CMY	0.4391, 0.4118, 0.8979
CMYK	0.05, 0.00, 0.83, 0.41
HSL	63°, 70%, 35%
HSV	63°, 83%, 59%
XYZ	22.4237, 27.7269, 5.1483
YIQ	133.7710, 35.6320, -40.0480

Conversions

Conversions Part 2

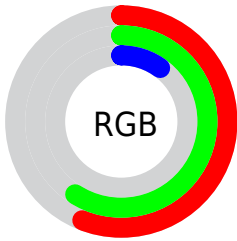
Format	Color
RYB	26, 150, 33
Decimal	9410074
CIELab	59.64, -17.09, 58.09
CIELCh	60, 60.555, 106.389
Yxy	27.7269, 0.4055, 0.5014
Android (android.graphics.Color)	4287600154 (0xFF8F961A)
YUV	133.7710, -53.1311, 8.0938
Hunter-Lab	52.6563, -16.1343, 31.0625

Details

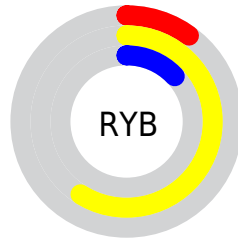
The Yxy color **27.7269, 0.4055, 0.5014** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.2651, 0.1671, 0.0839**, and the grayscale version is **23.9435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0896, 0.3928, 0.4690**, and **11.0475, 0.4027, 0.5184** is the 20% darker color. If you saturate the color by 10%, you get **27.6027, 0.4085, 0.5090**, and if you desaturate by 10%, it is **27.8894, 0.4000, 0.4897**.

Distribution



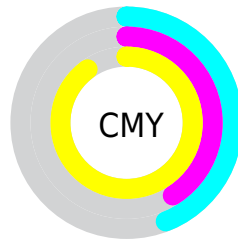
- Red (56%)
- Green (59%)
- Blue (10%)



- Red (10%)
- Yellow (59%)
- Blue (13%)



- Cyan (5%)
- Magenta (0%)
- Yellow (83%)
- Black (41%)





- Cyan (44%)
- Magenta (41%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7269, 0.4055, 0.5014 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 27.7269, 0.4055, 0.5014 by changing the saturation by 10% instead.


 27.7269, 0.4055,
0.5014


 27.7269, 0.4055,
0.5014


291.1596, 0.3631,
0.4108


 18.1199, 0.4120,
0.5225


 56.0481, 0.3925,
0.4688


 11.0361, 0.4169,
0.5475


 75.5311, 0.3867,
0.4563

 6.0911, 0.4199,
0.5801

 99.0749, 0.3816,
0.4457


 2.9006, 0.4002,
0.5998

 127.0639, 0.3770,
0.4367

 1.0800, 0.3561,
0.6439

 159.8825, 0.3729,
0.4288

 0.0000, 0.0000,
0.0000

 197.9150, 0.3693,

0.4220

241.5460, 0.3660,
0.4161

■ 27.7269, 0.4055,
0.5014

■ 27.7269, 0.4055,
0.5014

■ 27.6027, 0.4085,
0.5090

■ 27.8894, 0.4000,
0.4897

■ 27.5237, 0.4097,
0.5129

■ 28.0910, 0.3922,
0.4739

■ 28.3373, 0.3821,
0.4546

■ 28.6316, 0.3703,
0.4326

■ 28.9773, 0.3574,
0.4088

■ 29.3772, 0.3437,
0.3841

■ 29.8340, 0.3299,
0.3594

■ 30.3503, 0.3163,
0.3352

■ 30.9285, 0.3031,
0.3122

Harmonies

Analogous

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



27.7269, 0.4780, 0.4424



27.7269, 0.4055, 0.5014



27.7269, 0.3147, 0.5107

Triad

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



27.7269, 0.4055, 0.5014



27.7269, 0.1490, 0.2365



27.7269, 0.3861, 0.2469

Complementary

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



27.7269, 0.4055, 0.5014



3.2651, 0.1671, 0.0839

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.



27.7269, 0.2836, 0.2043



27.7269, 0.4055, 0.5014



27.7269, 0.1611, 0.1938

Square

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



27.7269, 0.4055, 0.5014



27.7269, 0.1700, 0.3223



27.7269, 0.2053, 0.1853



27.7269, 0.4755, 0.3059

Rectangle

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



27.7269, 0.4055, 0.5014



27.7269, 0.2549, 0.4694



27.7269, 0.2053, 0.1853



27.7269, 0.3510, 0.2305

Sweetspot

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



27.7282, 0.4055, 0.5014



51.6358, 0.3476, 0.3912



7.6035, 0.5870, 0.3359



11.3933, 0.3520, 0.3990



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.7282, 0.4055, 0.5014



48.5671, 0.4094, 0.5126



23.6719, 0.3384, 0.5504



6.7282, 0.3251, 0.3509



22.8332, 0.4098, 0.5128



0.2835, 0.4149, 0.5088

Inverse Universe

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



3.2651, 0.1671, 0.0839



4.0117, 0.1521, 0.0616



5.3326, 0.2327, 0.1180



5.6476, 0.2997, 0.3062



1.8763, 0.1524, 0.0613



0.0261, 0.1643, 0.0679

Previews

White Background



This preview shows how the Yxy color 27.7269, 0.4055, 0.5014 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 27.7269, 0.4055, 0.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

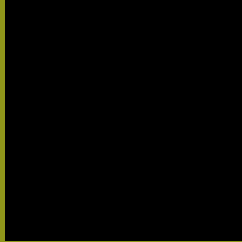
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7269, 0.4055, 0.5014

Background



This preview shows how black text looks on a background with the Yxy color 27.7269, 0.4055, 0.5014.



This preview shows how white text looks on a background with the Yxy color 27.7269, 0.4055, 0.5014.

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

27.7269, 0.4055, 0.5014

Protanopia

27.6938, 0.4345, 0.4806

Deuteranopia

27.5476, 0.4611, 0.4513



Tritanopia

27.7628, 0.3157, 0.3119

Trichromacy



Original Color

27.7269, 0.4055, 0.5014

Protanomaly

27.5965, 0.4239, 0.4880

Deuteranomaly

27.3642, 0.4410, 0.4694

Tritanomaly

27.3767, 0.3570, 0.3914

Monochromacy



Original Color

27.7269, 0.4055, 0.5014

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.9008, 0.3559, 0.4072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7269, 0.4055, 0.5014 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, 150, 26)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 26)  
}
```

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, 150, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 26) }
```

Border

The CSS property to change the border of an element to Yxy 27.7269, 0.4055, 0.5014 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, 150, 26) }
```

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

```
.border{ border-color:rgb(143, 150, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 150, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 26);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7269, 0.4055, 0.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 26) }
```

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

```
.background{ background-color: rgb(143,  
150, 26) }
```

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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