

Converting Colors

$Y_{xy}(27.9878, 0.3776, 0.4568)$

Have a look what the booklet for
Yxy(27.9878, 0.3776, 0.4568)
contains.

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Color

Yxy(28.0184, 0.3781, 0.4566)

Conversions

Conversions Part 1

Format	Color
Hex	8E9647
RGB	142, 150, 71
RGB Percent	56%, 59%, 28%
CMY	0.4430, 0.4118, 0.7216
CMYK	0.05, 0.00, 0.53, 0.41
HSL	66°, 36%, 43%
HSV	66°, 53%, 59%
XYZ	23.2014, 28.0184, 10.1433
YIQ	138.6020, 20.5910, -26.2650

Conversions

Conversions Part 2

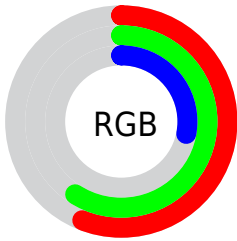
Format	Color
RYB	71, 150, 79
Decimal	9344583
CIELab	59.91, -14.69, 40.21
CIElCh	60, 42.808, 110.075
Yxy	28.0184, 0.3781, 0.4566
Android (android.graphics.Color)	4287534663 (0xFF8E9647)
YUV	138.6020, -33.3278, 2.9800
Hunter-Lab	52.9324, -14.3914, 25.6911

Details

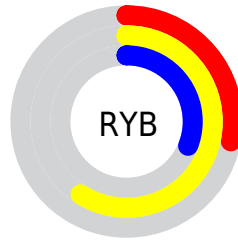
The Yxy color **28.0184, 0.3781, 0.4566** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.3669, 0.2230, 0.1699**, and the grayscale version is **25.7835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4612, 0.3664, 0.4298**, and **11.1515, 0.3941, 0.4987** is the 20% darker color. If you saturate the color by 10%, you get **27.7173, 0.3873, 0.4767**, and if you desaturate by 10%, it is **28.3714, 0.3671, 0.4339**.

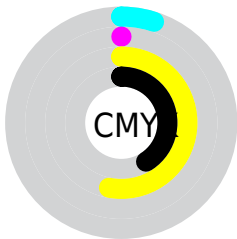
Distribution



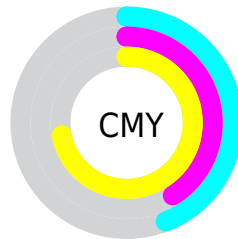
- Red (56%)
- Green (59%)
- Blue (28%)



- Red (28%)
- Yellow (59%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (53%)
- Black (41%)





- Cyan (44%)
- Magenta (41%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0184, 0.3781, 0.4566 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 28.0184, 0.3781, 0.4566 by changing the saturation by 10% instead.


 28.0184, 0.3781,
0.4566


 28.0184, 0.3781,
0.4566


292.5548, 0.3456,
0.3870

 18.3395, 0.3852,
0.4752


 56.5138, 0.3668,
0.4302

 11.1940, 0.3930,
0.4994


 76.0992, 0.3623,
0.4205


 6.1975, 0.4006,
0.5313

 99.7554, 0.3585,
0.4125

 2.9655, 0.4134,
0.5866

 127.8671, 0.3552,
0.4058

 1.1138, 0.3803,
0.6197

 160.8184, 0.3523,
0.4000

 0.0000, 0.0000,
0.0000

198.9939, 0.3498,

0.3951

242.7779, 0.3476,
0.3908

■ 28.0184, 0.3781,
0.4566

■ 28.0184, 0.3781,
0.4566

■ 27.7173, 0.3873,
0.4767

■ 28.3714, 0.3671,
0.4339

■ 27.4606, 0.3945,
0.4934

■ 28.7758, 0.3550,
0.4095

■ 27.2457, 0.3991,
0.5061

■ 29.2356, 0.3421,
0.3845

■ 27.0677, 0.4013,
0.5145

■ 29.7537, 0.3290,
0.3595

■ 26.9512, 0.4020,
0.5190

■ 30.3325, 0.3161,
0.3353

■ 30.9744, 0.3036,
0.3123

■ 31.6816, 0.2918,
0.2907

■ 32.4563, 0.2808,
0.2707

■ 33.3006, 0.2705,
0.2524

Harmonies

Analogous

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



28.0184, 0.4315, 0.4246



28.0184, 0.3781, 0.4566



28.0184, 0.3105, 0.4486

Triad

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



28.0184, 0.3781, 0.4566



28.0184, 0.1892, 0.2590



28.0184, 0.3745, 0.2739

Complementary

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



28.0184, 0.3781, 0.4566



8.3669, 0.2230, 0.1699

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.



28.0184, 0.3019, 0.2384



28.0184, 0.3781, 0.4566



28.0184, 0.2015, 0.2270

Square

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



28.0184, 0.3781, 0.4566



28.0184, 0.2043, 0.3185



28.0184, 0.2401, 0.2214



28.0184, 0.4331, 0.3218

Rectangle

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



28.0184, 0.3781, 0.4566



28.0184, 0.2666, 0.4158



28.0184, 0.2401, 0.2214



28.0184, 0.3504, 0.2603

Sweetspot

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



28.0197, 0.3781, 0.4566



52.1651, 0.3338, 0.3686



12.5140, 0.4519, 0.3427



11.5231, 0.3362, 0.3731



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.



28.0197, 0.3781, 0.4566



48.8400, 0.3886, 0.4796



25.1263, 0.3344, 0.4777



6.7152, 0.3245, 0.3510



22.3612, 0.4021, 0.5189



0.2806, 0.4112, 0.5117

Inverse Universe

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



8.3669, 0.2230, 0.1699



10.3691, 0.2006, 0.1327



10.5854, 0.2731, 0.1892



5.6593, 0.3004, 0.3062



1.9189, 0.1545, 0.0625



0.0290, 0.1751, 0.0739

Previews

White Background



This preview shows how the Yxy color 28.0184, 0.3781, 0.4566 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 28.0184, 0.3781, 0.4566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

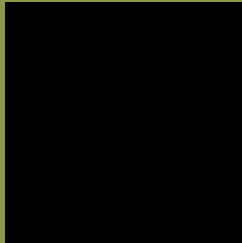
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0184, 0.3781, 0.4566

Background



This preview shows how black text looks on a background with the Yxy color 28.0184, 0.3781, 0.4566.



This preview shows how white text looks on a background with the Yxy color 28.0184, 0.3781, 0.4566.

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

28.0184, 0.3781, 0.4566

Protanopia

27.8498, 0.4051, 0.4417

Deuteranopia

27.7328, 0.4265, 0.4178



Tritanopia

27.8961, 0.3125, 0.3118

Trichromacy



Original Color

28.0184, 0.3781, 0.4566

Protanomaly

27.7723, 0.3945, 0.4468

Deuteranomaly

27.7196, 0.4080, 0.4319

Tritanomaly

27.6725, 0.3383, 0.3634

Monochromacy



Original Color

28.0184, 0.3781, 0.4566

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.4353, 0.3388, 0.3783

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0184, 0.3781, 0.4566 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, 150, 71)` looks like.

```
.text, #text, p{  
    color:rgb(142, 150, 71)  
}
```

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, 150, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 150, 71) }
```

Border

The CSS property to change the border of an element to Yxy 28.0184, 0.3781, 0.4566 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, 150, 71) }
```

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

```
.border{ border-color:rgb(142, 150, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 150, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 150, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 150, 71);  
box-shadow:4px 4px 4px 4px rgb(142, 150,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0184, 0.3781, 0.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 150, 71) }
```

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

```
.background{ background-color: rgb(142,  
150, 71) }
```

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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