

Converting Colors

$Y_{xy}(27.9895, 0.4051, 0.4527)$

Have a look what the booklet for
Yxy(27.9895, 0.4051, 0.4527)
contains.

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Color

Yxy(28.0847, 0.4047, 0.4532)

Conversions

Conversions Part 1

Format	Color
Hex	9D923F
RGB	157, 146, 63
RGB Percent	62%, 57%, 25%
CMY	0.3844, 0.4274, 0.7528
CMYK	0.00, 0.07, 0.60, 0.38
HSL	53°, 43%, 43%
HSV	53°, 60%, 62%
XYZ	25.0792, 28.0847, 8.8059
YIQ	139.8270, 33.1990, -23.4810

Conversions

Conversions Part 2

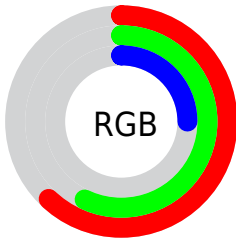
Format	Color
R_{YB}	75, 157, 63
Decimal	10326591
CIE _{Lab}	59.97, -6.74, 44.48
CIE _{LCh}	60, 44.992, 98.615
Y _{xy}	28.0847, 0.4047, 0.4532
Android (android.graphics.Color)	4288516671 (0xFF9D923F)
YUV	139.8270, -37.8757, 15.0607
Hunter-Lab	52.9950, -8.2685, 27.2446

Details

The Yxy color **28.0847, 0.4047, 0.4532** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.3902, 0.2038, 0.1616**, and the grayscale version is **26.2960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8196, 0.3883, 0.4291**, and **11.2690, 0.4270, 0.4897** is the 20% darker color. If you saturate the color by 10%, you get **27.3737, 0.4173, 0.4678**, and if you desaturate by 10%, it is **28.8574, 0.3903, 0.4354**.

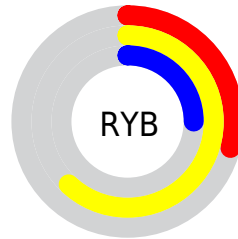
Distribution



Red (62%)

Green (57%)

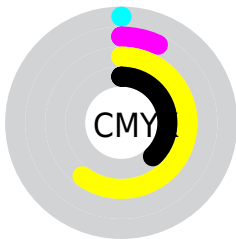
Blue (25%)



Red (29%)

Yellow (62%)

Blue (25%)

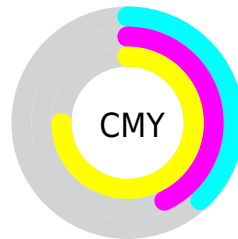


Cyan (0%)

Magenta (7%)

Yellow (60%)

Black (38%)



Cyan (38%)

Magenta (43%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0847, 0.4047, 0.4532 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 28.0847, 0.4047, 0.4532 by changing the saturation by 10% instead.


 28.0847, 0.4047,
0.4532


 28.0847, 0.4047,
0.4532


292.8714, 0.3581,
0.3876


 18.3895, 0.4152,
0.4694


 56.6196, 0.3883,
0.4291

 11.2300, 0.4272,
0.4894


 76.2282, 0.3819,
0.4201


 6.2218, 0.4422,
0.5161

 99.9100, 0.3764,
0.4125

 2.9804, 0.4541,
0.5459

 128.0494, 0.3717,
0.4060

 1.1215, 0.4410,
0.5590

 161.0309, 0.3676,
0.4004

 0.0000, 0.0000,
0.0000

199.2388, 0.3641,

0.3956

243.0575, 0.3609,
0.3914

■ 28.0847, 0.4047,
0.4532

■ 28.0847, 0.4047,
0.4532

■ 27.3737, 0.4173,
0.4678

■ 28.8574, 0.3903,
0.4354

■ 26.7161, 0.4277,
0.4785

■ 29.6919, 0.3748,
0.4153

■ 26.1081, 0.4354,
0.4849

■ 30.5929, 0.3588,
0.3938

■ 25.5374, 0.4411,
0.4879

■ 31.5637, 0.3428,
0.3718

■ 25.5289, 0.4412,
0.4879

■ 32.6074, 0.3273,
0.3499

■ 33.7266, 0.3125,
0.3287

■ 34.9241, 0.2987,
0.3086

■ 36.2024, 0.2859,
0.2897

■ 37.5638, 0.2743,
0.2722

Harmonies

Analogous

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



28.0847, 0.4505, 0.4093



28.0847, 0.4047, 0.4532



28.0847, 0.3374, 0.4645

Triad

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



28.0847, 0.4047, 0.4532



28.0847, 0.1864, 0.2758



28.0847, 0.3484, 0.2554

Complementary

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



28.0847, 0.4047, 0.4532



8.3902, 0.2038, 0.1616

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.



28.0847, 0.2741, 0.2253



28.0847, 0.4047, 0.4532



28.0847, 0.1887, 0.2316

Square

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



28.0847, 0.4047, 0.4532



28.0847, 0.2130, 0.3473



28.0847, 0.2183, 0.2161



28.0847, 0.4193, 0.3010

Rectangle

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



28.0847, 0.4047, 0.4532



28.0847, 0.2897, 0.4432



28.0847, 0.2183, 0.2161



28.0847, 0.3226, 0.2433

Sweetspot

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



28.0860, 0.4047, 0.4532



56.8121, 0.3404, 0.3684



11.2407, 0.4682, 0.3101



12.3930, 0.3447, 0.3744



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.0860, 0.4047, 0.4532



48.6067, 0.4213, 0.4721



28.6447, 0.3579, 0.4869



7.5880, 0.3264, 0.3486



20.7733, 0.4410, 0.4881



0.4052, 0.4313, 0.4958

Inverse Universe

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



8.3902, 0.2038, 0.1616



10.1681, 0.1803, 0.1217



8.5601, 0.2367, 0.1577



6.5539, 0.2988, 0.3086



2.3683, 0.1529, 0.0705



0.0742, 0.1649, 0.1134

Previews

White Background



This preview shows how the Yxy color 28.0847, 0.4047, 0.4532 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 28.0847, 0.4047, 0.4532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

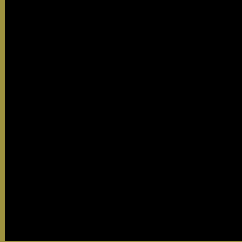
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0847, 0.4047, 0.4532

Background



This preview shows how black text looks on a background with the Yxy color 28.0847, 0.4047, 0.4532.



This preview shows how white text looks on a background with the Yxy color 28.0847, 0.4047, 0.4532.

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

28.0847, 0.4047, 0.4532

Protanopia

28.1867, 0.4102, 0.4496

Deuteranopia

28.1423, 0.4358, 0.4284



Tritanopia

28.0288, 0.3323, 0.3125

Trichromacy



Original Color

28.0847, 0.4047, 0.4532

Protanomaly

28.0833, 0.4091, 0.4502

Deuteranomaly

28.0778, 0.4247, 0.4376

Tritanomaly

27.7219, 0.3620, 0.3650

Monochromacy



Original Color

28.0847, 0.4047, 0.4532

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6268, 0.3480, 0.3790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0847, 0.4047, 0.4532 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(157, 146, 63)` looks like.

```
.text, #text, p{  
    color:rgb(157, 146, 63)  
}
```

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(157, 146, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 146, 63) }
```

Border

The CSS property to change the border of an element to Yxy 28.0847, 0.4047, 0.4532 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(157, 146, 63) }
```

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

```
.border{ border-color:rgb(157, 146, 63) }
```

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

Here you see how a box with a 4 pixel rgb(157, 146, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 146, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 146, 63);  
box-shadow:4px 4px 4px 4px rgb(157, 146,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0847, 0.4047, 0.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 146, 63) }
```

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

```
.background{ background-color: rgb(157,  
146, 63) }
```

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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