

Converting Colors

$Yxy(27.4923, 0.4077, 0.4496)$

Have a look what the booklet for
Yxy(27.4923, 0.4077, 0.4496)
contains.

Yxy(27.5745, 0.4077, 0.4502)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(27.5745, 0.4077, 0.4502)$

Conversions

Conversions Part 1

Format	Color
Hex	9E903F
RGB	158, 144, 63
RGB Percent	62%, 56%, 25%
CMY	0.3804, 0.4353, 0.7531
CMYK	0.00, 0.09, 0.60, 0.38
HSL	51°, 43%, 43%
HSV	51°, 60%, 62%
XYZ	24.9714, 27.5745, 8.7035
YIQ	138.9520, 34.3450, -22.2230

Conversions

Conversions Part 2

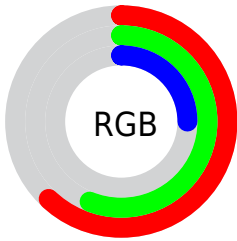
Format	Color
RYB	79, 158, 63
Decimal	10391615
CIELab	59.50, -5.20, 44.02
CIELCh	60, 44.329, 96.742
Yxy	27.5745, 0.4077, 0.4502
Android (android.graphics.Color)	4288581695 (0xFF9E903F)
YUV	138.9520, -37.4443, 16.7051
Hunter-Lab	52.5114, -7.0107, 26.9309

Details

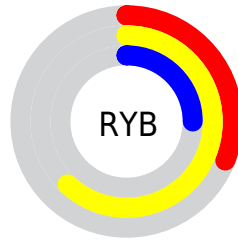
The Yxy color **27.5745, 0.4077, 0.4502** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.8282, 0.2044, 0.1660**, and the grayscale version is **25.9360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.0501, 0.3902, 0.4267**, and **10.9704, 0.4316, 0.4848** is the 20% darker color. If you saturate the color by 10%, you get **26.7258, 0.4212, 0.4643**, and if you desaturate by 10%, it is **28.4911, 0.3925, 0.4329**.

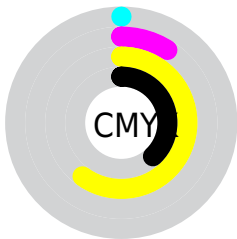
Distribution



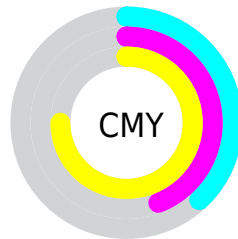
- Red (62%)
- Green (56%)
- Blue (25%)



- Red (31%)
- Yellow (62%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (38%)




- Cyan (38%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.5745, 0.4077, 0.4502 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 27.5745, 0.4077, 0.4502 by changing the saturation by 10% instead.


 27.5745, 0.4077,
0.4502


 27.5745, 0.4077,
0.4502


290.4281, 0.3592,
0.3863


 18.0052, 0.4188,
0.4659

 55.8044, 0.3905,
0.4268

 10.9537, 0.4317,
0.4852


 75.2337, 0.3838,
0.4180


 6.0357, 0.4482,
0.5112


 98.7185, 0.3781,
0.4106

 2.8668, 0.4614,
0.5386

 126.6432, 0.3733,
0.4043

 1.0626, 0.4511,
0.5489

 159.3920, 0.3690,
0.3988

 0.0000, 0.0000,
0.0000

197.3496, 0.3653,

0.3941

240.9001, 0.3621,
0.3900

■ 27.5745, 0.4077,
0.4502

■ 27.5745, 0.4077,
0.4502

■ 26.7258, 0.4212,
0.4643

■ 28.4911, 0.3925,
0.4329

■ 25.9364, 0.4325,
0.4745

■ 29.4756, 0.3764,
0.4133

■ 25.2024, 0.4411,
0.4804

■ 30.5331, 0.3599,
0.3924

■ 24.5211, 0.4475,
0.4829

■ 31.6668, 0.3435,
0.3710

■ 32.8798, 0.3278,
0.3498

■ 34.1751, 0.3129,
0.3293

■ 35.5554, 0.2991,
0.3098

■ 37.0232, 0.2864,
0.2916

■ 38.5811, 0.2748,
0.2747

Harmonies

Analogous

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



27.5745, 0.4511, 0.4056



27.5745, 0.4077, 0.4502



27.5745, 0.3418, 0.4640

Triad

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



27.5745, 0.4077, 0.4502



27.5745, 0.1882, 0.2800



27.5745, 0.3433, 0.2536

Complementary

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



27.5745, 0.4077, 0.4502



8.8282, 0.2044, 0.1660

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.



27.5745, 0.2703, 0.2248



27.5745, 0.4077, 0.4502



27.5745, 0.1886, 0.2342

Square

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



27.5745, 0.4077, 0.4502



27.5745, 0.2165, 0.3522



27.5745, 0.2164, 0.2171



27.5745, 0.4146, 0.2981

Rectangle

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



27.5745, 0.4077, 0.4502



27.5745, 0.2943, 0.4451



27.5745, 0.2164, 0.2171



27.5745, 0.3178, 0.2419

Sweetspot

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



27.5758, 0.4077, 0.4502



57.8858, 0.3407, 0.3672



11.3601, 0.4664, 0.3076



12.9170, 0.3451, 0.3731



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.



27.5758, 0.4077, 0.4502



48.0502, 0.4251, 0.4681



29.1556, 0.3597, 0.4868



7.5537, 0.3264, 0.3479



19.6814, 0.4473, 0.4831



0.3931, 0.4346, 0.4931

Inverse Universe

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



8.8282, 0.2044, 0.1660



11.0781, 0.1817, 0.1275



8.5194, 0.2342, 0.1559



6.5852, 0.2988, 0.3093



2.5150, 0.1540, 0.0743



0.0843, 0.1683, 0.1257

Previews

White Background



This preview shows how the Yxy color 27.5745, 0.4077, 0.4502 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 27.5745, 0.4077, 0.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

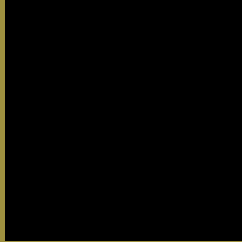
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.5745, 0.4077, 0.4502

Background



This preview shows how black text looks on a background with the Yxy color 27.5745, 0.4077, 0.4502.



This preview shows how white text looks on a background with the Yxy color 27.5745, 0.4077, 0.4502.

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

27.5745, 0.4077, 0.4502

Protanopia

27.6763, 0.4088, 0.4496

Deuteranopia

27.3371, 0.4355, 0.4269



Tritanopia

27.4026, 0.3349, 0.3124

Trichromacy



Original Color

27.5745, 0.4077, 0.4502

Protanomaly

27.6763, 0.4088, 0.4496

Deuteranomaly

27.3815, 0.4254, 0.4357

Tritanomaly

27.1193, 0.3639, 0.3636

Monochromacy



Original Color

27.5745, 0.4077, 0.4502

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.3084, 0.3494, 0.3791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.5745, 0.4077, 0.4502 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(158, 144, 63)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 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(158, 144, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 63) }
```

Border

The CSS property to change the border of an element to Yxy 27.5745, 0.4077, 0.4502 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(158, 144, 63) }
```

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

```
.border{ border-color:rgb(158, 144, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 63);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 27.5745, 0.4077, 0.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 63) }
```

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

```
.background{ background-color: rgb(158,  
144, 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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