

Converting Colors

$Y_{xy}(22.2647, 0.4022, 0.4387)$

Have a look what the booklet for
Yxy(22.2647, 0.4022, 0.4387)
contains.

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Color

Yxy(22.2647, 0.4022, 0.4387)

Conversions

Conversions Part 1

Format	Color
Hex	908240
RGB	144, 130, 64
RGB Percent	56%, 51%, 25%
CMY	0.4352, 0.4902, 0.7489
CMYK	0.00, 0.10, 0.56, 0.44
HSL	49°, 38%, 41%
HSV	49°, 56%, 56%
XYZ	20.4123, 22.2647, 8.0746
YIQ	126.6620, 29.5300, -17.5580

Conversions

Conversions Part 2

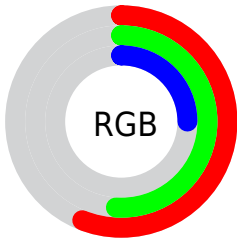
Format	Color
RYB	81, 144, 64
Decimal	9470528
CIELab	54.31, -3.62, 37.19
CIELCh	54, 37.368, 95.562
Yxy	22.2647, 0.4022, 0.4387
Android (android.graphics.Color)	4287660608 (0xFF908240)
YUV	126.6620, -30.8924, 15.2054
Hunter-Lab	47.1855, -5.3561, 22.8839

Details

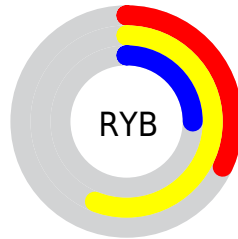
The Yxy color **22.2647, 0.4022, 0.4387** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **8.5589, 0.2149, 0.1862**, and the grayscale version is **21.2034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3612, 0.3844, 0.4158**, and **8.1435, 0.4288, 0.4756** is the 20% darker color. If you saturate the color by 10%, you get **21.4591, 0.4173, 0.4541**, and if you desaturate by 10%, it is **23.1312, 0.3859, 0.4207**.

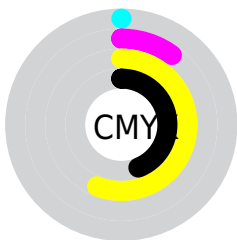
Distribution



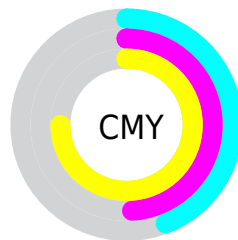
- Red (56%)
- Green (51%)
- Blue (25%)



- Red (32%)
- Yellow (56%)
- Blue (25%)



- Cyan (0%)
- Magenta (10%)
- Yellow (56%)
- Black (44%)





- Cyan (44%)
- Magenta (49%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2647, 0.4022, 0.4387 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 22.2647, 0.4022, 0.4387 by changing the saturation by 10% instead.


 22.2647, 0.4022,
0.4387


 22.2647, 0.4022,
0.4387


263.9255, 0.3542,
0.3786


 14.0515, 0.4143,
0.4546


 47.1831, 0.3844,
0.4159

 8.1565, 0.4290,
0.4747

 64.6571, 0.3778,
0.4076


 4.1953, 0.4527,
0.5074

 85.9869, 0.3722,
0.4007

 1.7834, 0.4663,
0.5337

 111.5568, 0.3675,
0.3949

 0.4768, 0.4334,
0.5666

 141.7512, 0.3635,
0.3899

 0.0000, 0.0000,
0.0000

 176.9545, 0.3600,

0.3856

217.5511, 0.3569,
0.3819

■ 22.2647, 0.4022,
0.4387

■ 22.2647, 0.4022,
0.4387

■ 21.4591, 0.4173,
0.4541

■ 23.1312, 0.3859,
0.4207

■ 20.7079, 0.4306,
0.4660

■ 24.0585, 0.3691,
0.4010

■ 20.0081, 0.4416,
0.4737

■ 25.0506, 0.3524,
0.3805

■ 19.3542, 0.4498,
0.4772

■ 26.1100, 0.3362,
0.3599

■ 19.0717, 0.4533,
0.4783

■ 27.2392, 0.3208,
0.3398

■ 28.4405, 0.3065,
0.3206

■ 29.7160, 0.2933,
0.3024

■ 31.0678, 0.2812,
0.2855

■ 32.4979, 0.2703,
0.2699

Harmonies

Analogous

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



22.2647, 0.4398, 0.3986



22.2647, 0.4022, 0.4387



22.2647, 0.3428, 0.4508

Triad

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



22.2647, 0.4022, 0.4387



22.2647, 0.1990, 0.2875



22.2647, 0.3381, 0.2585

Complementary

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



22.2647, 0.4022, 0.4387



8.5589, 0.2149, 0.1862

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.



22.2647, 0.2721, 0.2325



22.2647, 0.4022, 0.4387



22.2647, 0.1982, 0.2439

Square

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



22.2647, 0.4022, 0.4387



22.2647, 0.2267, 0.3532



22.2647, 0.2231, 0.2265



22.2647, 0.4028, 0.2995

Rectangle

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



22.2647, 0.4022, 0.4387



22.2647, 0.2993, 0.4344



22.2647, 0.2231, 0.2265



22.2647, 0.3150, 0.2479

Sweetspot

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



22.2657, 0.4022, 0.4387



45.6948, 0.3390, 0.3636



10.1596, 0.4410, 0.3040



10.4024, 0.3419, 0.3672



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.2657, 0.4022, 0.4387



37.4552, 0.4213, 0.4578



24.2217, 0.3604, 0.4727



6.1268, 0.3263, 0.3470



16.6339, 0.4531, 0.4785



0.1863, 0.4346, 0.4931

Inverse Universe

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



8.5589, 0.2149, 0.1862



10.7879, 0.1920, 0.1486



7.8242, 0.2388, 0.1695



5.3984, 0.2990, 0.3103



2.3939, 0.1553, 0.0790



0.0459, 0.1722, 0.1399

Previews

White Background



This preview shows how the Yxy color 22.2647, 0.4022, 0.4387 looks on a white background.

Color Contrast Check

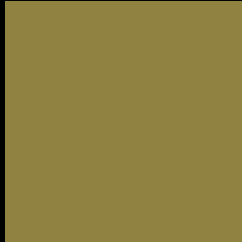
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.2647, 0.4022, 0.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

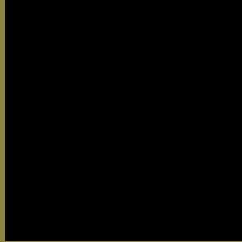
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2647, 0.4022, 0.4387

Background



This preview shows how black text looks on a background with the Yxy color 22.2647, 0.4022, 0.4387.



This preview shows how white text looks on a background with the Yxy color 22.2647, 0.4022, 0.4387.

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

22.2647, 0.4022, 0.4387

Protanopia

22.2647, 0.4022, 0.4387

Deuteranopia

22.2822, 0.4262, 0.4186



Tritanopia

22.3159, 0.3355, 0.3142

Trichromacy



Original Color

22.2647, 0.4022, 0.4387

Protanomaly

22.2647, 0.4022, 0.4387

Deuteranomaly

22.1734, 0.4177, 0.4260

Tritanomaly

22.2791, 0.3622, 0.3614

Monochromacy



Original Color

22.2647, 0.4022, 0.4387

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.4244, 0.3459, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2647, 0.4022, 0.4387 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(144, 130, 64)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 64)  
}
```

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(144, 130, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 64) }
```

Border

The CSS property to change the border of an element to Yxy 22.2647, 0.4022, 0.4387 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(144, 130, 64) }
```

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

```
.border{ border-color:rgb(144, 130, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 64);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
64) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2647, 0.4022, 0.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 64) }
```

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

```
.background{ background-color: rgb(144,  
130, 64) }
```

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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