

Converting Colors

$Y_{xy}(22.5743, 0.4281, 0.4983)$

Have a look what the booklet for
Yxy(22.5743, 0.4281, 0.4983)
contains.

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Color

Yxy(22.7129, 0.4280, 0.4983)

Conversions

Conversions Part 1

Format	Color
Hex	8D8600
RGB	141, 134, 0
RGB Percent	55%, 53%, 0%
CMY	0.4471, 0.4745, 0.9995
CMYK	0.00, 0.05, 1.00, 0.45
HSL	57°, 100%, 28%
HSV	57°, 100%, 55%
XYZ	19.5086, 22.7129, 3.3593
YIQ	120.8170, 47.1860, -40.1900

Conversions

Conversions Part 2

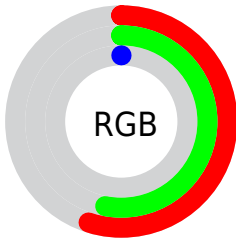
Format	Color
R_YB	7, 141, 0
Decimal	9274880
CIE Lab	54.78, -10.13, 59.30
CIE LCh	55, 60.157, 99.692
Yxy	22.7129, 0.4280, 0.4983
Android (android.graphics.Color)	4287464960 (0xFF8D8600)
YUV	120.8170, -59.5628, 17.7005
Hunter-Lab	47.6581, -10.3336, 29.1814

Details

The Yxy color **22.7129, 0.4280, 0.4983** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.0779, 0.1513, 0.0643**, and the grayscale version is **19.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.9638, 0.4105, 0.4676**, and **8.5232, 0.4231, 0.5023** is the 20% darker color. If you saturate the color by 10%, you get **22.7119, 0.4280, 0.4983**, and if you desaturate by 10%, it is **22.9398, 0.4239, 0.4940**.

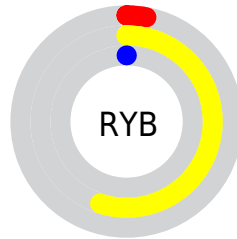
Distribution



Red (55%)

Green (53%)

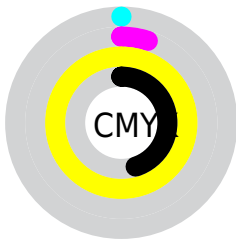
Blue (0%)



Red (3%)

Yellow (55%)

Blue (0%)

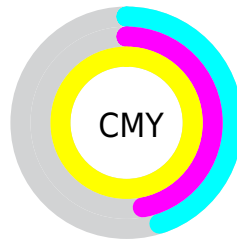


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (45%)



Cyan (45%)

Magenta (47%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7129, 0.4280, 0.4983 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 22.7129, 0.4280, 0.4983 by changing the saturation by 10% instead.


 22.7129, 0.4280,
0.4983


 22.7129, 0.4280,
0.4983


266.2469, 0.3730,
0.4101


 14.3817, 0.4367,
0.5172


 47.9215, 0.4106,
0.4674

 8.3866, 0.4506,
0.5464

 65.5676, 0.4031,
0.4552

 4.3433, 0.4430,
0.5570

 87.0875, 0.3964,
0.4448

 1.8674, 0.4282,
0.5718

 112.8655, 0.3905,
0.4358

 0.5287, 0.3256,
0.6744


 143.2861, 0.3853,
0.4281


 0.0000, 0.0000,
0.0000


 178.7336, 0.3807,


0.4213


 219.5924, 0.3766,
0.4154


 22.7129, 0.4280,
0.4983

 22.7129, 0.4280,
0.4983


 22.7119, 0.4280,
0.4983

 22.9398, 0.4239,
0.4940

 23.1880, 0.4180,
0.4866

 23.4692, 0.4095,
0.4752

 23.7872, 0.3988,
0.4599

 24.1456, 0.3861,
0.4413

■ 24.5472, 0.3720,
0.4203

■ 24.9946, 0.3572,
0.3978

■ 25.4905, 0.3420,
0.3745

■ 26.0369, 0.3270,
0.3513

Harmonies

Analogous

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



22.7129, 0.4979, 0.4295



22.7129, 0.4280, 0.4983



22.7129, 0.3349, 0.5277

Triad

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



22.7129, 0.4280, 0.4983



22.7129, 0.1431, 0.2466



22.7129, 0.3652, 0.2309

Complementary

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



22.7129, 0.4280, 0.4983



2.0779, 0.1513, 0.0643

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.



22.7129, 0.2602, 0.1918



22.7129, 0.4280, 0.4983



22.7129, 0.1485, 0.1933

Square

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



22.7129, 0.4280, 0.4983



22.7129, 0.1726, 0.3472



22.7129, 0.1865, 0.1779



22.7129, 0.4682, 0.2891

Rectangle

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



22.7129, 0.4280, 0.4983



22.7129, 0.2709, 0.4989



22.7129, 0.1865, 0.1779



22.7129, 0.3280, 0.2153

Sweetspot

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



22.7140, 0.4280, 0.4983



44.7083, 0.3583, 0.3994



5.6802, 0.6326, 0.3260



9.9180, 0.3638, 0.4079



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.7140, 0.4280, 0.4983



40.6073, 0.4282, 0.4982



20.6492, 0.3451, 0.5641



6.2403, 0.3260, 0.3497



20.7200, 0.4280, 0.4984



0.2072, 0.4233, 0.5021

Inverse Universe

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



2.0779, 0.1513, 0.0643



3.6415, 0.1509, 0.0631



2.9994, 0.1952, 0.0850



5.2952, 0.2990, 0.3074



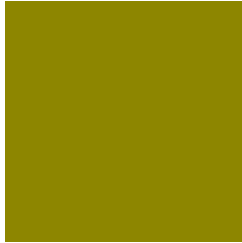
1.8989, 0.1513, 0.0644



0.0250, 0.1570, 0.0853

Previews

White Background



This preview shows how the Yxy color 22.7129, 0.4280, 0.4983 looks on a white background.

Color Contrast Check

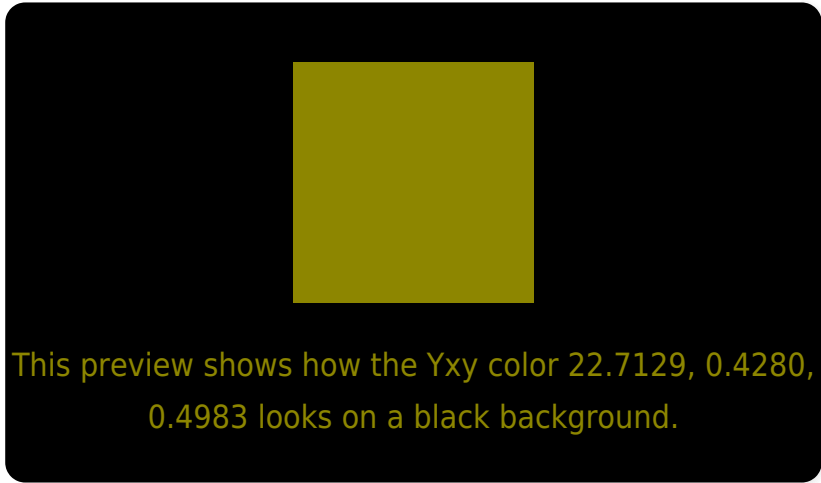
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 22.7129, 0.4280, 0.4983

Background



This preview shows how black text looks on a background with the Yxy color 22.7129, 0.4280, 0.4983.



This preview shows how white text looks on a background with the Yxy color 22.7129, 0.4280, 0.4983.

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

22.7129, 0.4280, 0.4983

Protanopia

22.7984, 0.4393, 0.4894

Deuteranopia

22.5693, 0.4668, 0.4571



Tritanopia

22.7780, 0.3315, 0.3142

Trichromacy



Original Color

22.7129, 0.4280, 0.4983

Protanomaly

22.7948, 0.4343, 0.4934

Deuteranomaly

22.6330, 0.4529, 0.4725

Tritanomaly

22.2052, 0.3844, 0.4024

Monochromacy



Original Color

22.7129, 0.4280, 0.4983

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

20.0467, 0.3711, 0.4202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7129, 0.4280, 0.4983 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(141, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 134, 0)  
}
```

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(141, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 134, 0) }
```

Border

The CSS property to change the border of an element to Yxy 22.7129, 0.4280, 0.4983 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(141, 134, 0) }
```

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

```
.border{ border-color:rgb(141, 134, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 134, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 134,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7129, 0.4280, 0.4983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 134, 0) }
```

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

```
.background{ background-color: rgb(141,  
134, 0) }
```

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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