

Converting Colors

$Y_{xy}(25.5692, 0.4099, 0.5127)$

Have a look what the booklet for
Yxy(25.5692, 0.4099, 0.5127)
contains.

Yxy(25.5692, 0.4099, 0.5127)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.5692, 0.4099, 0.5127)

Conversions

Conversions Part 1

Format	Color
Hex	899100
RGB	137, 145, 0
RGB Percent	54%, 57%, 0%
CMY	0.4627, 0.4314, 0.9997
CMYK	0.06, 0.00, 1.00, 0.43
HSL	63°, 100%, 28%
HSV	63°, 100%, 57%
XYZ	20.4424, 25.5692, 3.8601
YIQ	126.0780, 41.7770, -46.7910

Conversions

Conversions Part 2

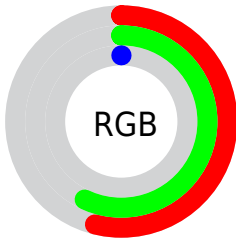
Format	Color
RYB	0, 145, 8
Decimal	9015552
CIELab	57.63, -17.78, 61.24
CIELCh	58, 63.769, 106.191
Yxy	25.5692, 0.4099, 0.5127
Android (android.graphics.Color)	4287205632 (0xFF899100)
YUV	126.0780, -62.1565, 9.5786
Hunter-Lab	50.5660, -16.3280, 30.8702

Details

The Yxy color **25.5692, 0.4099, 0.5127** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.0985, 0.1523, 0.0613**, and the grayscale version is **21.1010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7584, 0.3972, 0.4787**, and **10.0234, 0.3986, 0.5217** is the 20% darker color. If you saturate the color by 10%, you get **25.5698, 0.4099, 0.5127**, and if you desaturate by 10%, it is **25.6714, 0.4080, 0.5070**.

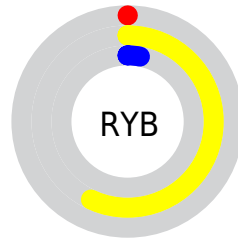
Distribution



Red (54%)

Green (57%)

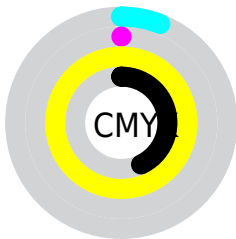
Blue (0%)



Red (0%)

Yellow (57%)

Blue (3%)

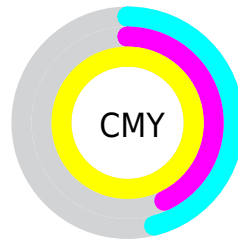


Cyan (6%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (46%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5692, 0.4099, 0.5127 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 25.5692, 0.4099, 0.5127 by changing the saturation by 10% instead.


 25.5692, 0.4099,
0.5127


 25.5692, 0.4099,
0.5127


280.6609, 0.3664,
0.4162

 16.5016, 0.4154,
0.5344


 52.5791, 0.3972,
0.4783


 9.8798, 0.4216,
0.5639


 71.2903, 0.3913,
0.4650


 5.3193, 0.4137,
0.5863

 93.9848, 0.3859,
0.4537

 2.4358, 0.3909,
0.6091

 121.0470, 0.3811,
0.4439


 0.8442, 0.3038,
0.6962


 152.8613, 0.3768,
0.4355


 0.0000, 0.0000,
0.0000


 189.8121, 0.3729,

0.4282


 232.2838, 0.3695,
0.4218


 25.5692, 0.4099,
0.5127


 25.5692, 0.4099,
0.5127


 25.5698, 0.4099,
0.5127

 25.6714, 0.4080,
0.5070

 25.7957, 0.4043,
0.4983

 25.9543, 0.3981,
0.4854

 26.1513, 0.3896,
0.4686

 26.3905, 0.3790,
0.4485

■ 26.6749, 0.3668,
0.4260

■ 27.0075, 0.3536,
0.4019

■ 27.3908, 0.3399,
0.3772

■ 27.8273, 0.3261,
0.3527

Harmonies

Analogous

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



25.5692, 0.4883, 0.4464



25.5692, 0.4099, 0.5127



25.5692, 0.3133, 0.5274

Triad

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



25.5692, 0.4099, 0.5127



25.5692, 0.1391, 0.2293



25.5692, 0.3908, 0.2409

Complementary

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



25.5692, 0.4099, 0.5127



2.0985, 0.1523, 0.0613

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.



25.5692, 0.2802, 0.1964



25.5692, 0.4099, 0.5127



25.5692, 0.1517, 0.1850

Square

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



25.5692, 0.4099, 0.5127



25.5692, 0.1605, 0.3212



25.5692, 0.1975, 0.1765



25.5692, 0.4881, 0.3025

Rectangle

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



25.5692, 0.4099, 0.5127



25.5692, 0.2498, 0.4835



25.5692, 0.1975, 0.1765



25.5692, 0.3527, 0.2236

Sweetspot

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



25.5704, 0.4099, 0.5127



48.3205, 0.3546, 0.4036



6.1794, 0.6351, 0.3338



10.6979, 0.3596, 0.4127



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.



25.5704, 0.4099, 0.5127



45.7643, 0.4097, 0.5129



21.3860, 0.3314, 0.5750



6.2705, 0.3251, 0.3508



21.9348, 0.4100, 0.5127



0.2127, 0.4150, 0.5087

Inverse Universe

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



2.0985, 0.1523, 0.0613



3.7284, 0.1516, 0.0609



3.7427, 0.2143, 0.0954



5.2683, 0.2998, 0.3063



1.8017, 0.1525, 0.0613



0.0195, 0.1641, 0.0678

Previews

White Background



This preview shows how the Yxy color 25.5692, 0.4099, 0.5127 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 25.5692, 0.4099, 0.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

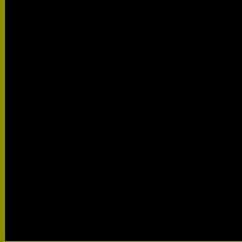
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5692, 0.4099, 0.5127

Background



This preview shows how black text looks on a background with the Yxy color 25.5692, 0.4099, 0.5127.



This preview shows how white text looks on a background with the Yxy color 25.5692, 0.4099, 0.5127.

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

25.5692, 0.4099, 0.5127

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.4084, 0.4658, 0.4561



Tritanopia

25.5753, 0.3157, 0.3129

Trichromacy



Original Color

25.5692, 0.4099, 0.5127

Protanomaly

25.4393, 0.4288, 0.4977

Deuteranomaly

25.2199, 0.4460, 0.4769

Tritanomaly

25.0776, 0.3666, 0.4088

Monochromacy



Original Color

25.5692, 0.4099, 0.5127

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1001, 0.3662, 0.4251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5692, 0.4099, 0.5127 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(137, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(137, 145, 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(137, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.5692, 0.4099, 0.5127 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(137, 145, 0) }
```

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

```
.border{ border-color:rgb(137, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(137, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5692, 0.4099, 0.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 145, 0) }
```

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

```
.background{ background-color: rgb(137,  
145, 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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