

Converting Colors

$Y_{xy}(25.6911, 0.4341, 0.4935)$

Have a look what the booklet for
Yxy(25.6911, 0.4341, 0.4935)
contains.

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Color

Yxy(25.8221, 0.4335, 0.4940)

Conversions

Conversions Part 1

Format	Color
Hex	998D00
RGB	153, 141, 0
RGB Percent	60%, 55%, 0%
CMY	0.4001, 0.4470, 1.0000
CMYK	0.00, 0.08, 1.00, 0.40
HSL	55°, 100%, 30%
HSV	55°, 100%, 60%
XYZ	22.6597, 25.8221, 3.7897
YIQ	128.5140, 52.4130, -41.3070

Conversions

Conversions Part 2

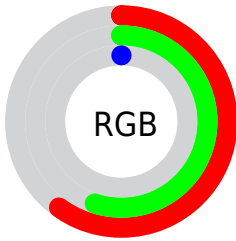
Format	Color
RYB	13, 153, 0
Decimal	10063104
CIELab	57.87, -8.36, 62.06
CIELCh	58, 62.620, 97.674
Yxy	25.8221, 0.4335, 0.4940
Android (android.graphics.Color)	4288253184 (0xFF998D00)
YUV	128.5140, -63.3574, 21.4742
Hunter-Lab	50.8155, -9.3301, 31.1491

Details

The Yxy color **25.8221, 0.4335, 0.4940** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.5619, 0.1517, 0.0661**, and the grayscale version is **21.9863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8747, 0.4159, 0.4653**, and **10.0788, 0.4316, 0.4955** is the 20% darker color. If you saturate the color by 10%, you get **25.8232, 0.4335, 0.4940**, and if you desaturate by 10%, it is **26.2138, 0.4289, 0.4904**.

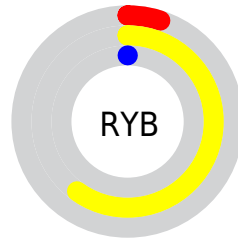
Distribution



Red (60%)

Green (55%)

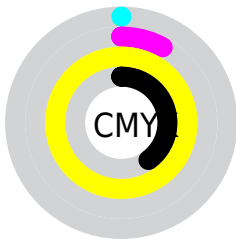
Blue (0%)



Red (5%)

Yellow (60%)

Blue (0%)

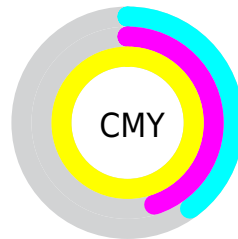


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.8221, 0.4335, 0.4940 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 25.8221, 0.4335, 0.4940 by changing the saturation by 10% instead.

■ 25.8221, 0.4335,
0.4940

■ 25.8221, 0.4335,
0.4940

■ 281.9077, 0.3767,
0.4108

■ 16.6906, 0.4428,
0.5110

■ 52.9878, 0.4156,
0.4656

■ 10.0141, 0.4543,
0.5336

■ 71.7908, 0.4079,
0.4541

■ 5.4083, 0.4535,
0.5465

■ 94.5864, 0.4010,
0.4442

■ 2.4888, 0.4433,
0.5567

■ 121.7591, 0.3949,
0.4357


■ 0.8710, 0.4173,
0.5827


■ 153.6931, 0.3896,
0.4282


■ 0.0000, 0.0000,
0.0000


■ 190.7730, 0.3848,


0.4217


 233.3830, 0.3805,
0.4159

 25.8221, 0.4335,
0.4940


 25.8221, 0.4335,
0.4940


 25.8232, 0.4335,
0.4940

 26.2138, 0.4289,
0.4904

 26.6342, 0.4223,
0.4836

 27.0967, 0.4131,
0.4725

 27.6059, 0.4016,
0.4576

 28.1661, 0.3882,
0.4394

■ 28.7809, 0.3736,
0.4187

■ 29.4536, 0.3582,
0.3965

■ 30.1871, 0.3426,
0.3738

■ 30.9844, 0.3274,
0.3510

Harmonies

Analogous

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



25.8221, 0.5007, 0.4244



25.8221, 0.4335, 0.4940



25.8221, 0.3415, 0.5276

Triad

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



25.8221, 0.4335, 0.4940



25.8221, 0.1442, 0.2521



25.8221, 0.3575, 0.2278

Complementary

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



25.8221, 0.4335, 0.4940



2.5619, 0.1517, 0.0661

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.



25.8221, 0.2542, 0.1903



25.8221, 0.4335, 0.4940



25.8221, 0.1475, 0.1959

Square

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



25.8221, 0.4335, 0.4940



25.8221, 0.1763, 0.3554



25.8221, 0.1831, 0.1783



25.8221, 0.4620, 0.2849

Rectangle

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



25.8221, 0.4335, 0.4940



25.8221, 0.2773, 0.5033



25.8221, 0.1831, 0.1783



25.8221, 0.3207, 0.2127

Sweetspot

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



25.8233, 0.4335, 0.4940



52.6848, 0.3591, 0.3979



6.7993, 0.6290, 0.3239



11.5286, 0.3651, 0.4065



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.8233, 0.4335, 0.4940



46.1317, 0.4338, 0.4938



24.9134, 0.3495, 0.5607



7.1401, 0.3262, 0.3493



21.3692, 0.4334, 0.4941



0.3406, 0.4265, 0.4996

Inverse Universe

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



2.5619, 0.1517, 0.0661



4.4768, 0.1513, 0.0647



3.3810, 0.1886, 0.0813



6.1002, 0.2988, 0.3078



2.1397, 0.1519, 0.0667



0.0501, 0.1606, 0.0983

Previews

White Background



This preview shows how the Yxy color 25.8221, 0.4335, 0.4940 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 25.8221, 0.4335, 0.4940 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 25.8221, 0.4335, 0.4940

Background



This preview shows how black text looks on a background with the Yxy color 25.8221, 0.4335, 0.4940.



This preview shows how white text looks on a background with the Yxy color 25.8221, 0.4335, 0.4940.

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

25.8221, 0.4335, 0.4940

Protanopia

25.9243, 0.4394, 0.4893

Deuteranopia

25.7797, 0.4670, 0.4582



Tritanopia

25.7328, 0.3366, 0.3136

Trichromacy



Original Color

25.8221, 0.4335, 0.4940

Protanomaly

25.8241, 0.4383, 0.4902

Deuteranomaly

25.6793, 0.4561, 0.4707

Tritanomaly

25.3352, 0.3893, 0.4008

Monochromacy



Original Color

25.8221, 0.4335, 0.4940

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7875, 0.3743, 0.4182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8221, 0.4335, 0.4940 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(153, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 141, 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(153, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 141, 0) }
```

Border

The CSS property to change the border of an element to Yxy 25.8221, 0.4335, 0.4940 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(153, 141, 0) }
```

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

```
.border{ border-color:rgb(153, 141, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 141, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 141,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8221, 0.4335, 0.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 141, 0) }
```

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

```
.background{ background-color: rgb(153,  
141, 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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