

Converting Colors

$Yxy(25.9889, 0.3370, 0.4914)$

Have a look what the booklet for
Yxy(25.9889, 0.3370, 0.4914)
contains.

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Color

Yxy(25.9889, 0.3370, 0.4914)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 669941 |
| RGB | 102, 153, 65 |
| RGB Percent | 40%, 60%, 25% |
| CMY | 0.6001, 0.4000, 0.7452 |
| CMYK | 0.33, 0.00, 0.58, 0.40 |
| HSL | 95°, 40%, 43% |
| HSV | 95°, 58%, 60% |
| XYZ | 17.8231, 25.9889, 9.0755 |
| YIQ | 127.7190, -2.1480, -38.1800 |

Conversions

Conversions Part 2

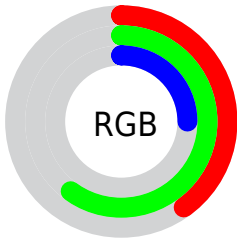
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 65, 153, 116 |
| Decimal | 6723905 |
| CIELab | 58.03, -32.89, 40.27 |
| CIElCh | 58, 51.994, 129.243 |
| Yxy | 25.9889, 0.3370, 0.4914 |
| Android (android.graphics.Color) | 4284913985 (0xFF669941) |
| YUV | 127.7190, -30.9205, -22.5556 |
| Hunter-Lab | 50.9793, -26.8077, 25.1305 |

Details

The Yxy color **25.9889, 0.3370, 0.4914** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9.7928, 0.2656, 0.1752**, and the grayscale version is **21.5925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4406, 0.3351, 0.4544**, and **10.0145, 0.3347, 0.5548** is the 20% darker color. If you saturate the color by 10%, you get **25.3454, 0.3376, 0.5190**, and if you desaturate by 10%, it is **26.7381, 0.3348, 0.4617**.

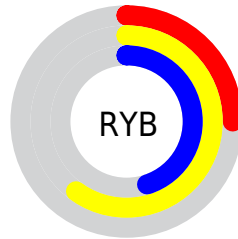
Distribution



Red (40%)

Green (60%)

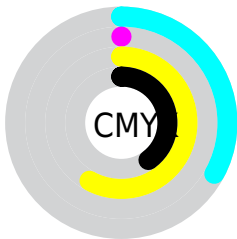
Blue (25%)



Red (25%)

Yellow (60%)

Blue (45%)

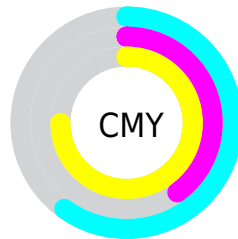


Cyan (33%)

Magenta (0%)

Yellow (58%)

Black (40%)



Cyan (60%)


Magenta (40%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9889, 0.3370, 0.4914 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 25.9889, 0.3370, 0.4914 by changing the saturation by 10% instead.


 25.9889, 0.3370,
0.4914


 25.9889, 0.3370,
0.4914


282.7276, 0.3282,
0.3983


 16.8153, 0.3368,
0.5185


 53.2570, 0.3352,
0.4546

 10.1029, 0.3342,
0.5552


 72.1204, 0.3340,
0.4417


 5.4672, 0.3274,
0.6098

 94.9825, 0.3329,
0.4311

 2.5239, 0.3073,
0.6927

 122.2277, 0.3318,
0.4223

 0.8886, 0.0448,
0.9552

 154.2404, 0.3308,
0.4149

 0.0000, 0.0000,
0.0000

191.4050, 0.3298,

0.4086

234.1060, 0.3289,
0.4031

■ 25.9889, 0.3370,
0.4914

■ 25.9889, 0.3370,
0.4914

■ 25.3454, 0.3376,
0.5190

■ 26.7381, 0.3348,
0.4617

■ 24.7986, 0.3363,
0.5428

■ 27.5949, 0.3313,
0.4314

■ 24.3431, 0.3332,
0.5616

■ 28.5652, 0.3269,
0.4017

■ 23.9689, 0.3286,
0.5751

■ 29.6534, 0.3220,
0.3735

■ 23.8852, 0.3275,
0.5782

■ 30.8637, 0.3167,
0.3473

■ 32.2002, 0.3114,
0.3233

■ 33.6667, 0.3062,
0.3016

■ 35.2666, 0.3011,
0.2822

■ 37.0036, 0.2963,
0.2650

Harmonies

Analogous

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



25.9889, 0.4159, 0.4738



25.9889, 0.3370, 0.4914



25.9889, 0.2560, 0.4423

Triad

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



25.9889, 0.3370, 0.4914



25.9889, 0.1705, 0.2145



25.9889, 0.4405, 0.2962

Complementary

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



25.9889, 0.3370, 0.4914



9.7928, 0.2656, 0.1752

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.



25.9889, 0.3559, 0.2447



25.9889, 0.3370, 0.4914



25.9889, 0.2043, 0.1989

Square

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



25.9889, 0.3370, 0.4914



25.9889, 0.1669, 0.2631



25.9889, 0.2683, 0.2103



25.9889, 0.4844, 0.3568

Rectangle

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



25.9889, 0.3370, 0.4914



25.9889, 0.2121, 0.3804



25.9889, 0.2683, 0.2103



25.9889, 0.4151, 0.2777

Sweetspot

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



25.9900, 0.3370, 0.4914



53.1401, 0.3219, 0.3730



19.3850, 0.4275, 0.4101



11.6527, 0.3228, 0.3779



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.



25.9900, 0.3370, 0.4914



45.0913, 0.3374, 0.5262



24.3611, 0.3005, 0.4979



7.0461, 0.3176, 0.3516



19.7576, 0.3280, 0.5778



0.3161, 0.3621, 0.5507

Inverse Universe

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



9.7928, 0.2656, 0.1752



13.2087, 0.2515, 0.1443



12.6629, 0.3275, 0.2042



6.1942, 0.3074, 0.3066



3.6634, 0.2207, 0.0990



0.0761, 0.2646, 0.1231

Previews

White Background



This preview shows how the Yxy color 25.9889, 0.3370, 0.4914 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 25.9889, 0.3370, 0.4914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

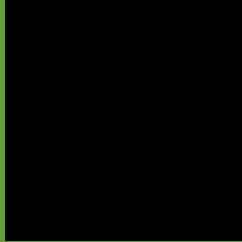
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9889, 0.3370, 0.4914

Background



This preview shows how black text looks on a background with the Yxy color 25.9889, 0.3370, 0.4914.



This preview shows how white text looks on a background with the Yxy color 25.9889, 0.3370, 0.4914.

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

25.9889, 0.3370, 0.4914

Protanopia

25.6722, 0.4090, 0.4487

Deuteranopia

25.6154, 0.4270, 0.4177



Tritanopia

26.0261, 0.2751, 0.3101

Trichromacy



Original Color

25.9889, 0.3370, 0.4914

Protanomaly

25.4452, 0.3812, 0.4656

Deuteranomaly

25.2968, 0.3917, 0.4443

Tritanomaly

25.6521, 0.2996, 0.3748

Monochromacy



Original Color

25.9889, 0.3370, 0.4914

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.8332, 0.3254, 0.3890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9889, 0.3370, 0.4914 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(102, 153, 65)` looks like.

```
.text, #text, p{  
    color:rgb(102, 153, 65)  
}
```

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(102, 153, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 153, 65) }
```

Border

The CSS property to change the border of an element to Yxy 25.9889, 0.3370, 0.4914 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(102, 153, 65) }
```

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

```
.border{ border-color:rgb(102, 153, 65) }
```

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

Here you see how a box with a 4 pixel rgb(102, 153, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 153, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 153, 65);  
box-shadow:4px 4px 4px 4px rgb(102, 153,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9889, 0.3370, 0.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 153, 65) }
```

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

```
.background{ background-color: rgb(102,  
153, 65) }
```

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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