

Converting Colors

$Yxy(25.0306, 0.3799, 0.5351)$

Have a look what the booklet for
Yxy(25.0306, 0.3799, 0.5351)
contains.

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Color

$Yxy(25.1463, 0.3796, 0.5353)$

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 739503 |
| RGB | 115, 149, 3 |
| RGB Percent | 45%, 58%, 1% |
| CMY | 0.5491, 0.4157, 0.9885 |
| CMYK | 0.23, 0.00, 0.98, 0.42 |
| HSL | 74°, 96%, 30% |
| HSV | 74°, 98%, 58% |
| XYZ | 17.8321, 25.1463, 3.9977 |
| YIQ | 122.1900, 26.6020, -52.6140 |

Conversions

Conversions Part 2

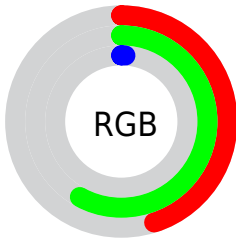
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 3, 149, 37 |
| Decimal | 7574787 |
| CIE Lab | 57.22, -29.36, 59.76 |
| CIE LCh | 57, 66.585, 116.161 |
| Yxy | 25.1463, 0.3796, 0.5353 |
| Android (android.graphics.Color) | 4285764867 (0xFF739503) |
| YUV | 122.1900, -58.7607, -6.3056 |
| Hunter-Lab | 50.1461, -24.2804, 30.3756 |

Details

The Yxy color **25.1463, 0.3796, 0.5353** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2.6263, 0.1660, 0.0701**, and the grayscale version is **19.7140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8377, 0.3737, 0.4927**, and **9.7275, 0.3582, 0.5538** is the 20% darker color. If you saturate the color by 10%, you get **25.0949, 0.3793, 0.5370**, and if you desaturate by 10%, it is **25.4238, 0.3806, 0.5262**.

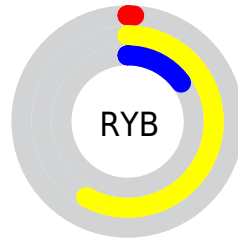
Distribution



Red (45%)

Green (58%)

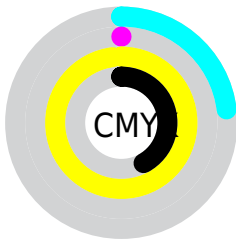
Blue (1%)



Red (1%)

Yellow (58%)

Blue (15%)

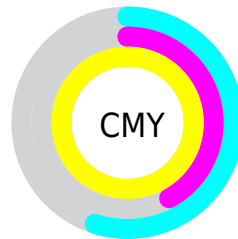


Cyan (23%)

Magenta (0%)

Yellow (98%)

Black (42%)



Cyan (55%)


Magenta (42%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1463, 0.3796, 0.5353 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 25.1463, 0.3796, 0.5353 by changing the saturation by 10% instead.


 25.1463, 0.3796,
0.5353

 25.1463, 0.3796,
0.5353


278.5657, 0.3531,
0.4222


 16.1861, 0.3803,
0.5632


 51.8945, 0.3735,
0.4934


 9.6559, 0.3792,
0.6016


 70.4512, 0.3699,
0.4777


 5.1714, 0.3623,
0.6377

 92.9756, 0.3665,
0.4645

 2.3482, 0.3232,
0.6768

 119.8520, 0.3634,
0.4534

 0.7990, 0.0509,
0.9491


 151.4648, 0.3604,
0.4439


 0.0000, 0.0000,
0.0000

 188.1984, 0.3578,


0.4357

 230.4373, 0.3553,
0.4285

 25.1463, 0.3796,
0.5353


 25.1463, 0.3796,
0.5353


 25.0949, 0.3793,
0.5370

 25.4238, 0.3806,
0.5262

 25.7377, 0.3795,
0.5131

 26.0975, 0.3760,
0.4958

 26.5076, 0.3701,
0.4747

 26.9720, 0.3623,
0.4510

■ 27.4940, 0.3531,
0.4255

■ 28.0768, 0.3429,
0.3993

■ 28.7231, 0.3322,
0.3734

■ 29.4357, 0.3213,
0.3482

Harmonies

Analogous

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



25.1463, 0.4705, 0.4746



25.1463, 0.3796, 0.5353



25.1463, 0.2782, 0.5217

Triad

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



25.1463, 0.3796, 0.5353



25.1463, 0.1335, 0.2044



25.1463, 0.4329, 0.2568

Complementary

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



25.1463, 0.3796, 0.5353



2.6263, 0.1660, 0.0701

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.



25.1463, 0.3148, 0.2041



25.1463, 0.3796, 0.5353



25.1463, 0.1575, 0.1729

Square

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



25.1463, 0.3796, 0.5353



25.1463, 0.1428, 0.2821



25.1463, 0.2168, 0.1747



25.1463, 0.5173, 0.3235

Rectangle

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



25.1463, 0.3796, 0.5353



25.1463, 0.2168, 0.4537



25.1463, 0.2168, 0.1747



25.1463, 0.3942, 0.2371

Sweetspot

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



25.1474, 0.3796, 0.5353



50.1066, 0.3445, 0.4034



7.5742, 0.6065, 0.3533



11.0135, 0.3485, 0.4135



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



25.1474, 0.3796, 0.5353



44.8522, 0.3785, 0.5376



22.0463, 0.3145, 0.5866



6.6773, 0.3226, 0.3511



21.1323, 0.3796, 0.5368



0.2719, 0.3997, 0.5209

Inverse Universe

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



2.6263, 0.1660, 0.0701



4.4471, 0.1626, 0.0669



5.3981, 0.2528, 0.1177



5.6943, 0.3023, 0.3064



2.1346, 0.1646, 0.0680



0.0377, 0.2044, 0.0899

Previews

White Background



This preview shows how the Yxy color 25.1463, 0.3796, 0.5353 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 25.1463, 0.3796, 0.5353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

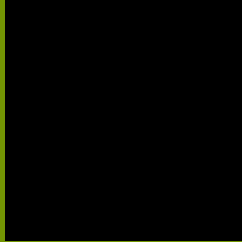
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1463, 0.3796, 0.5353

Background



This preview shows how black text looks on a background with the Yxy color 25.1463, 0.3796, 0.5353.



This preview shows how white text looks on a background with the Yxy color 25.1463, 0.3796, 0.5353.

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

25.1463, 0.3796, 0.5353

Protanopia

24.8599, 0.4410, 0.4880

Deuteranopia

24.9286, 0.4633, 0.4545



Tritanopia

24.9361, 0.2914, 0.3103

Trichromacy



Original Color

25.1463, 0.3796, 0.5353

Protanomaly

24.6274, 0.4179, 0.5059

Deuteranomaly

24.6104, 0.4333, 0.4847

Tritanomaly

24.4015, 0.3377, 0.4130

Monochromacy



Original Color

25.1463, 0.3796, 0.5353

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.9890, 0.3539, 0.4301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1463, 0.3796, 0.5353 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(115, 149, 3)` looks like.

```
.text, #text, p{  
    color:rgb(115, 149, 3)  
}
```

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(115, 149, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 149, 3) }
```

Border

The CSS property to change the border of an element to Yxy 25.1463, 0.3796, 0.5353 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(115, 149, 3) }
```

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

```
.border{ border-color:rgb(115, 149, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 149, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 149, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 149, 3);  
box-shadow:4px 4px 4px 4px rgb(115, 149,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1463, 0.3796, 0.5353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 149, 3) }
```

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

```
.background{ background-color: rgb(115,  
149, 3) }
```

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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