

Converting Colors

$Y_{xy}(25.5454, 0.3935, 0.5231)$

Have a look what the booklet for
Yxy(25.5454, 0.3935, 0.5231)
contains.

Yxy(25.6264, 0.3929, 0.5238)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6264, 0.3929, 0.5238)

Conversions

Conversions Part 1

Format	Color
Hex	7E9405
RGB	126, 148, 5
RGB Percent	49%, 58%, 2%
CMY	0.5058, 0.4196, 0.9805
CMYK	0.15, 0.00, 0.97, 0.42
HSL	69°, 94%, 30%
HSV	69°, 97%, 58%
XYZ	19.2222, 25.6264, 4.0754
YIQ	125.1200, 32.7910, -49.1370

Conversions

Conversions Part 2

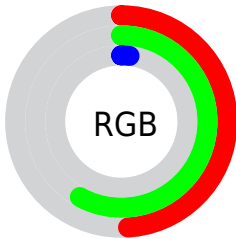
Format	Color
R_{YB}	5, 148, 27
Decimal	8295429
CIE _{Lab}	57.68, -24.10, 60.13
CIE _{LCh}	58, 64.784, 111.839
Yxy	25.6264, 0.3929, 0.5238
Android (android.graphics.Color)	4286485509 (0xFF7E9405)
YUV	125.1200, -59.2192, 0.7718
Hunter-Lab	50.6225, -20.8099, 30.6626

Details

The Yxy color **25.6264, 0.3929, 0.5238** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.4782, 0.1602, 0.0679**, and the grayscale version is **20.7456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6540, 0.3838, 0.4860**, and **9.9271, 0.3771, 0.5388** is the 20% darker color. If you saturate the color by 10%, you get **25.5589, 0.3929, 0.5262**, and if you desaturate by 10%, it is **25.8413, 0.3924, 0.5158**.

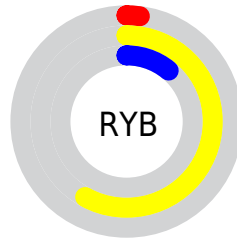
Distribution



Red (49%)

Green (58%)

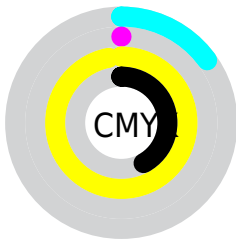
Blue (2%)



Red (2%)

Yellow (58%)

Blue (11%)

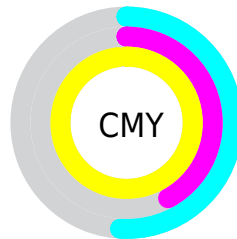


Cyan (15%)

Magenta (0%)

Yellow (97%)

Black (42%)



Cyan (51%)


Magenta (42%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6264, 0.3929, 0.5238 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 25.6264, 0.3929, 0.5238 by changing the saturation by 10% instead.


 25.6264, 0.3929,
0.5238


 25.6264, 0.3929,
0.5238


280.9433, 0.3588,
0.4189


 16.5444, 0.3959,
0.5488


 52.6716, 0.3837,
0.4856

 9.9102, 0.3979,
0.5823

 71.4036, 0.3791,
0.4710

 5.3394, 0.3866,
0.6134

 94.1210, 0.3748,
0.4588

 2.4478, 0.3554,
0.6446

 121.2082, 0.3709,
0.4484


 0.8503, 0.2054,
0.7946


 153.0497, 0.3674,
0.4394

 0.0000, 0.0000,
0.0000


 190.0297, 0.3642,

0.4317


 232.5328, 0.3614,
0.4249


 25.6264, 0.3929,
0.5238


 25.6264, 0.3929,
0.5238


 25.5589, 0.3929,
0.5262

 25.8413, 0.3924,
0.5158

 26.0894, 0.3896,
0.5037

 26.3784, 0.3843,
0.4874

 26.7125, 0.3768,
0.4675

 27.0955, 0.3674,
0.4448

■ 27.5305, 0.3566,
0.4203

■ 28.0204, 0.3449,
0.3949

■ 28.5681, 0.3328,
0.3695

■ 29.1760, 0.3206,
0.3448

Harmonies

Analogous

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



25.6264, 0.4777, 0.4613



25.6264, 0.3929, 0.5238



25.6264, 0.2942, 0.5229

Triad

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



25.6264, 0.3929, 0.5238



25.6264, 0.1371, 0.2161



25.6264, 0.4133, 0.2504

Complementary

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



25.6264, 0.3929, 0.5238



2.4782, 0.1602, 0.0679

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.



25.6264, 0.2993, 0.2016



25.6264, 0.3929, 0.5238



25.6264, 0.1559, 0.1792

Square

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



25.6264, 0.3929, 0.5238



25.6264, 0.1516, 0.2994



25.6264, 0.2089, 0.1765



25.6264, 0.5031, 0.3146

Rectangle

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



25.6264, 0.3929, 0.5238



25.6264, 0.2321, 0.4660



25.6264, 0.2089, 0.1765



25.6264, 0.3750, 0.2319

Sweetspot

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



25.6276, 0.3929, 0.5238



49.1755, 0.3484, 0.4024



7.0643, 0.6148, 0.3442



11.1488, 0.3529, 0.4123



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.



25.6276, 0.3929, 0.5238



45.0358, 0.3924, 0.5266



22.0042, 0.3214, 0.5799



6.7000, 0.3237, 0.3510



21.8403, 0.3931, 0.5261



0.2771, 0.4067, 0.5153

Inverse Universe

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



2.4782, 0.1602, 0.0679



4.0398, 0.1562, 0.0634



4.8391, 0.2388, 0.1108



5.6732, 0.3011, 0.3063



1.9876, 0.1578, 0.0643



0.0325, 0.1873, 0.0805

Previews

White Background



This preview shows how the Yxy color 25.6264, 0.3929, 0.5238 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 25.6264, 0.3929, 0.5238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

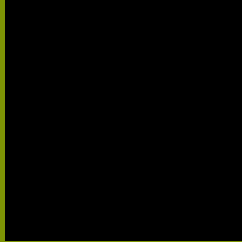
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6264, 0.3929, 0.5238

Background



This preview shows how black text looks on a background with the Yxy color 25.6264, 0.3929, 0.5238.



This preview shows how white text looks on a background with the Yxy color 25.6264, 0.3929, 0.5238.

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

25.6264, 0.3929, 0.5238

Protanopia

25.5332, 0.4396, 0.4892

Deuteranopia

25.3059, 0.4635, 0.4554



Tritanopia

25.7183, 0.3027, 0.3125

Trichromacy



Original Color

25.6264, 0.3929, 0.5238

Protanomaly

25.3701, 0.4225, 0.5018

Deuteranomaly

25.1031, 0.4392, 0.4803

Tritanomaly

25.2589, 0.3505, 0.4095

Monochromacy



Original Color

25.6264, 0.3929, 0.5238

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.7291, 0.3589, 0.4255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6264, 0.3929, 0.5238 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(126, 148, 5)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 5)  
}
```

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(126, 148, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 5) }
```

Border

The CSS property to change the border of an element to Yxy 25.6264, 0.3929, 0.5238 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(126, 148, 5) }
```

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

```
.border{ border-color:rgb(126, 148, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 5);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
5) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6264, 0.3929, 0.5238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 5) }
```

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

```
.background{ background-color: rgb(126,  
148, 5) }
```

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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