

Converting Colors

$Y_{xy}(25.3380, 0.3895, 0.5171)$

Have a look what the booklet for
Yxy(25.3380, 0.3895, 0.5171)
contains.

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Color

Yxy(25.2816, 0.3891, 0.5171)

Conversions

Conversions Part 1

Format	Color
Hex	7D9315
RGB	125, 147, 21
RGB Percent	49%, 58%, 8%
CMY	0.5099, 0.4235, 0.9177
CMYK	0.15, 0.00, 0.86, 0.42
HSL	70°, 75%, 33%
HSV	70°, 86%, 58%
XYZ	19.0235, 25.2816, 4.5860
YIQ	126.0580, 27.3340, -43.8500

Conversions

Conversions Part 2

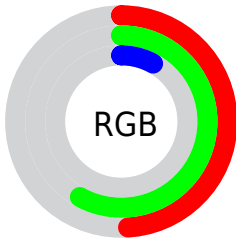
Format	Color
R_{YB}	21, 147, 43
Decimal	8229653
CIE _{Lab}	57.35, -23.68, 56.88
CIE _{LCh}	57, 61.612, 112.607
Yxy	25.2816, 0.3891, 0.5171
Android (android.graphics.Color)	4286419733 (0xFF7D9315)
YUV	126.0580, -51.7936, -0.9279
Hunter-Lab	50.2808, -20.4567, 29.7889

Details

The Yxy color **25.2816, 0.3891, 0.5171** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.1573, 0.1739, 0.0841**, and the grayscale version is **21.0563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.1616, 0.3801, 0.4794**, and **9.7435, 0.3784, 0.5378** is the 20% darker color. If you saturate the color by 10%, you get **25.0515, 0.3894, 0.5258**, and if you desaturate by 10%, it is **25.5501, 0.3864, 0.5042**.

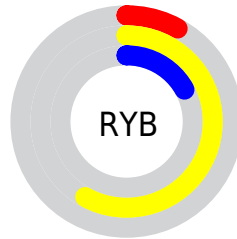
Distribution



Red (49%)

Green (58%)

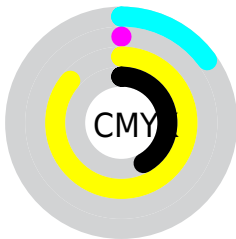
Blue (8%)



Red (8%)

Yellow (58%)

Blue (17%)

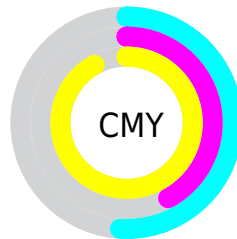


Cyan (15%)

Magenta (0%)

Yellow (86%)

Black (42%)



Cyan (51%)


Magenta (42%)


Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.2816, 0.3891, 0.5171 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 25.2816, 0.3891, 0.5171 by changing the saturation by 10% instead.


 25.2816, 0.3891,
0.5171


 25.2816, 0.3891,
0.5171


279.2374, 0.3557,
0.4147


 16.2870, 0.3926,
0.5424

 52.1137, 0.3797,
0.4792

 9.7275, 0.3942,
0.5747


 70.7200, 0.3752,
0.4650

 5.2186, 0.3876,
0.6124

 93.2989, 0.3710,
0.4531


 2.3761, 0.3564,
0.6436

 120.2349, 0.3673,
0.4431

 0.8136, 0.1934,
0.8066

 151.9124, 0.3639,
0.4344

 0.0000, 0.0000,
0.0000

 188.7157, 0.3609,

0.4270

231.0292, 0.3582,
0.4205

25.2816, 0.3891,
0.5171

25.2816, 0.3891,
0.5171

25.0515, 0.3894,
0.5258

25.5501, 0.3864,
0.5042

24.9575, 0.3893,
0.5291

25.8593, 0.3813,
0.4871

26.2145, 0.3740,
0.4665

26.6191, 0.3648,
0.4432

27.0764, 0.3542,
0.4183

■ 27.5892, 0.3429,
0.3927

■ 28.1603, 0.3311,
0.3672

■ 28.7921, 0.3193,
0.3426

■ 29.4869, 0.3079,
0.3192

Harmonies

Analogous

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



25.2816, 0.4709, 0.4600



25.2816, 0.3891, 0.5171



25.2816, 0.2937, 0.5118

Triad

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



25.2816, 0.3891, 0.5171



25.2816, 0.1429, 0.2194



25.2816, 0.4118, 0.2550

Complementary

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



25.2816, 0.3891, 0.5171



3.1573, 0.1739, 0.0841

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.



25.2816, 0.3029, 0.2069



25.2816, 0.3891, 0.5171



25.2816, 0.1621, 0.1841

Square

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



25.2816, 0.3891, 0.5171



25.2816, 0.1567, 0.2988



25.2816, 0.2147, 0.1819



25.2816, 0.4963, 0.3179

Rectangle

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



25.2816, 0.3891, 0.5171



25.2816, 0.2339, 0.4563



25.2816, 0.2147, 0.1819



25.2816, 0.3755, 0.2368

Sweetspot

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



25.2827, 0.3891, 0.5171



49.3222, 0.3438, 0.3948



7.9138, 0.5786, 0.3523



11.1917, 0.3474, 0.4028



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.



25.2827, 0.3891, 0.5171



44.6200, 0.3887, 0.5296



21.9816, 0.3245, 0.5652



6.6939, 0.3234, 0.3510



21.6429, 0.3895, 0.5290



0.2757, 0.4049, 0.5167

Inverse Universe

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



3.1573, 0.1739, 0.0841



4.1033, 0.1577, 0.0642



5.6465, 0.2519, 0.1252



5.6788, 0.3015, 0.3063



2.0215, 0.1594, 0.0652



0.0339, 0.1920, 0.0831

Previews

White Background



This preview shows how the Yxy color 25.2816, 0.3891, 0.5171 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 25.2816, 0.3891, 0.5171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

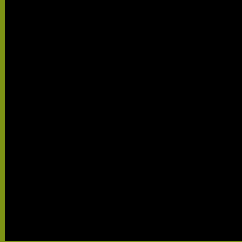
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2816, 0.3891, 0.5171

Background



This preview shows how black text looks on a background with the Yxy color 25.2816, 0.3891, 0.5171.



This preview shows how white text looks on a background with the Yxy color 25.2816, 0.3891, 0.5171.

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

25.2816, 0.3891, 0.5171

Protanopia

25.1892, 0.4356, 0.4831

Deuteranopia

24.9538, 0.4609, 0.4515



Tritanopia

25.2637, 0.3006, 0.3107

Trichromacy



Original Color

25.2816, 0.3891, 0.5171

Protanomaly

25.0261, 0.4187, 0.4955

Deuteranomaly

24.7601, 0.4356, 0.4747

Tritanomaly

24.9146, 0.3425, 0.3980

Monochromacy



Original Color

25.2816, 0.3891, 0.5171

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

22.1904, 0.3524, 0.4140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2816, 0.3891, 0.5171 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(125, 147, 21)` looks like.

```
.text, #text, p{  
    color:rgb(125, 147, 21)  
}
```

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(125, 147, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 147, 21) }
```

Border

The CSS property to change the border of an element to Yxy 25.2816, 0.3891, 0.5171 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(125, 147, 21) }
```

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

```
.border{ border-color:rgb(125, 147, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 147, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 147, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 147, 21);  
box-shadow:4px 4px 4px 4px rgb(125, 147,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2816, 0.3891, 0.5171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 147, 21) }
```

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

```
.background{ background-color: rgb(125,  
147, 21) }
```

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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