

Converting Colors

$Y_{xy}(25.1860, 0.4359, 0.4835)$

Have a look what the booklet for
Yxy(25.1860, 0.4359, 0.4835)
contains.

Yxy(25.1860, 0.4359, 0.4835)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.1860, 0.4359, 0.4835)

Conversions

Conversions Part 1

Format	Color
Hex	9B8A11
RGB	155, 138, 17
RGB Percent	61%, 54%, 7%
CMY	0.3922, 0.4588, 0.9330
CMYK	0.00, 0.11, 0.89, 0.39
HSL	53°, 80%, 34%
HSV	53°, 89%, 61%
XYZ	22.7065, 25.1860, 4.1985
YIQ	129.2890, 48.9730, -34.0270

Conversions

Conversions Part 2

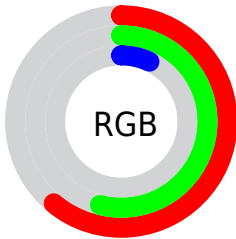
Format	Color
RYB	36, 155, 17
Decimal	10193425
CIELab	57.26, -5.51, 58.74
CIElCh	57, 58.994, 95.362
Yxy	25.1860, 0.4359, 0.4835
Android (android.graphics.Color)	4288383505 (0xFF9B8A11)
YUV	129.2890, -55.3585, 22.5485
Hunter-Lab	50.1857, -7.0627, 30.1698

Details

The Yxy color **25.1860, 0.4359, 0.4835** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3.6348, 0.1612, 0.0871**, and the grayscale version is **22.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9295, 0.4168, 0.4568**, and **9.8541, 0.4388, 0.4898** is the 20% darker color. If you saturate the color by 10%, you get **24.6069, 0.4418, 0.4866**, and if you desaturate by 10%, it is **25.8066, 0.4277, 0.4768**.

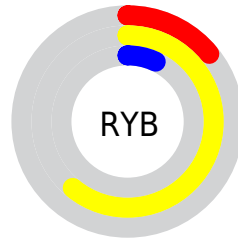
Distribution



Red (61%)

Green (54%)

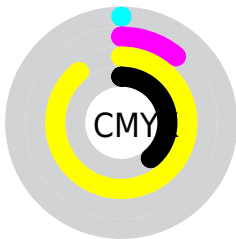
Blue (7%)



Red (14%)

Yellow (61%)

Blue (7%)

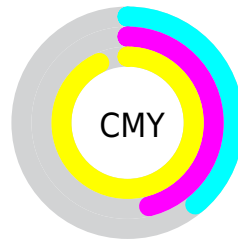


Cyan (0%)

Magenta (11%)

Yellow (89%)

Black (39%)



Cyan (39%)


Magenta (46%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1860, 0.4359, 0.4835 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 25.1860, 0.4359, 0.4835 by changing the saturation by 10% instead.


 25.1860, 0.4359,
0.4835


 25.1860, 0.4359,
0.4835


278.7630, 0.3762,
0.4052


 16.2157, 0.4468,
0.4998


 51.9588, 0.4163,
0.4566

 9.6769, 0.4594,
0.5199


 70.5301, 0.4082,
0.4458

 5.1853, 0.4648,
0.5352

 93.0705, 0.4010,
0.4365

 2.3564, 0.4580,
0.5420

 119.9644, 0.3947,
0.4285

 0.8033, 0.4391,
0.5609

 151.5962, 0.3892,
0.4215

 0.0000, 0.0000,
0.0000

 188.3503, 0.3843,

0.4154

230.6111, 0.3800,
0.4100

25.1860, 0.4359,
0.4835

25.1860, 0.4359,
0.4835

24.6069, 0.4418,
0.4866

25.8066, 0.4277,
0.4768

24.5481, 0.4424,
0.4869

26.4755, 0.4169,
0.4658

27.1990, 0.4039,
0.4509

27.9811, 0.3892,
0.4330

28.8256, 0.3735,
0.4128

■ 29.7361, 0.3574,
0.3914

■ 30.7155, 0.3414,
0.3695

■ 31.7668, 0.3259,
0.3478

■ 32.8927, 0.3112,
0.3269

Harmonies

Analogous

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



25.1860, 0.4964, 0.4171



25.1860, 0.4359, 0.4835



25.1860, 0.3489, 0.5174

Triad

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



25.1860, 0.4359, 0.4835



25.1860, 0.1519, 0.2624



25.1860, 0.3475, 0.2284

Complementary

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



25.1860, 0.4359, 0.4835



3.6348, 0.1612, 0.0871

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.



25.1860, 0.2506, 0.1938



25.1860, 0.4359, 0.4835



25.1860, 0.1523, 0.2044

Square

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



25.1860, 0.4359, 0.4835



25.1860, 0.1864, 0.3636



25.1860, 0.1845, 0.1843



25.1860, 0.4482, 0.2826

Rectangle

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



25.1860, 0.4359, 0.4835



25.1860, 0.2870, 0.4981



25.1860, 0.1845, 0.1843



25.1860, 0.3128, 0.2143

Sweetspot

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



25.1872, 0.4359, 0.4835



53.5071, 0.3551, 0.3882



7.4957, 0.5880, 0.3142



11.9905, 0.3602, 0.3951



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.1872, 0.4359, 0.4835



43.7817, 0.4429, 0.4865



26.4490, 0.3607, 0.5426



7.0930, 0.3263, 0.3484



19.7572, 0.4422, 0.4871



0.3272, 0.4308, 0.4962

Inverse Universe

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



3.6348, 0.1612, 0.0871



4.9255, 0.1524, 0.0686



3.9867, 0.1936, 0.0910



6.1429, 0.2988, 0.3089



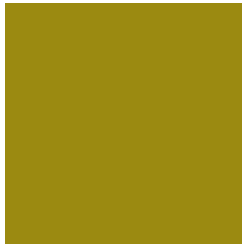
2.3103, 0.1532, 0.0714



0.0625, 0.1661, 0.1179

Previews

White Background



This preview shows how the Yxy color 25.1860, 0.4359, 0.4835 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 25.1860, 0.4359, 0.4835 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 25.1860, 0.4359, 0.4835

Background



This preview shows how black text looks on a background with the Yxy color 25.1860, 0.4359, 0.4835.



This preview shows how white text looks on a background with the Yxy color 25.1860, 0.4359, 0.4835.

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

25.1860, 0.4359, 0.4835

Protanopia

25.1860, 0.4359, 0.4835

Deuteranopia

25.0299, 0.4657, 0.4553



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.1860, 0.4359, 0.4835

Protanomaly

25.1860, 0.4359, 0.4835

Deuteranomaly

25.0447, 0.4550, 0.4659

Tritanomaly

24.7843, 0.3893, 0.3896

Monochromacy



Original Color

25.1860, 0.4359, 0.4835

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.6104, 0.3685, 0.4065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1860, 0.4359, 0.4835 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(155, 138, 17)` looks like.

```
.text, #text, p{  
    color:rgb(155, 138, 17)  
}
```

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(155, 138, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 138, 17) }
```

Border

The CSS property to change the border of an element to Yxy 25.1860, 0.4359, 0.4835 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(155, 138, 17) }
```

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

```
.border{ border-color:rgb(155, 138, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 138, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 138, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 138, 17);  
box-shadow:4px 4px 4px 4px rgb(155, 138,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1860, 0.4359, 0.4835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 138, 17) }
```

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

```
.background{ background-color: rgb(155,  
138, 17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor