

Converting Colors

$Y_{xy}(25.3959, 0.4481, 0.4743)$

Have a look what the booklet for
Yxy(25.3959, 0.4481, 0.4743)
contains.

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Color

Yxy(25.4353, 0.4478, 0.4744)

Conversions

Conversions Part 1

Format	Color
Hex	A38811
RGB	163, 136, 17
RGB Percent	64%, 53%, 7%
CMY	0.3608, 0.4666, 0.9336
CMYK	0.00, 0.17, 0.90, 0.36
HSL	49°, 81%, 35%
HSV	49°, 90%, 64%
XYZ	24.0091, 25.4353, 4.1713
YIQ	130.5070, 54.2910, -31.2850

Conversions

Conversions Part 2

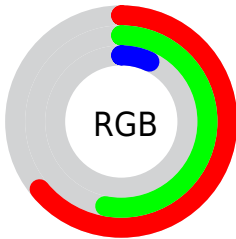
Format	Color
RYB	50, 163, 17
Decimal	10717201
CIELab	57.50, -0.73, 59.30
CIElCh	57, 59.302, 90.704
Yxy	25.4353, 0.4478, 0.4744
Android (android.graphics.Color)	4288907281 (0xFFA38811)
YUV	130.5070, -55.9590, 28.4964
Hunter-Lab	50.4334, -3.2825, 30.3996

Details

The Yxy color **25.4353, 0.4478, 0.4744** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **4.5587, 0.1632, 0.0961**, and the grayscale version is **22.6986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4466, 0.4263, 0.4505**, and **9.9422, 0.4546, 0.4772** is the 20% darker color. If you saturate the color by 10%, you get **24.5610, 0.4555, 0.4762**, and if you desaturate by 10%, it is **26.3679, 0.4378, 0.4689**.

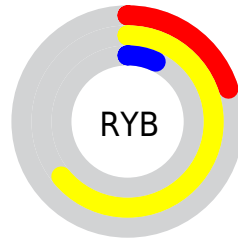
Distribution



Red (64%)

Green (53%)

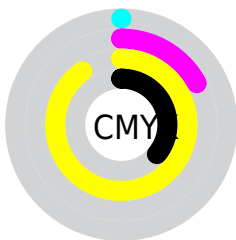
Blue (7%)



Red (20%)

Yellow (64%)

Blue (7%)

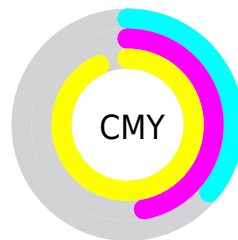


Cyan (0%)

Magenta (17%)

Yellow (90%)

Black (36%)



Cyan (36%)

Magenta (47%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4353, 0.4478, 0.4744 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 25.4353, 0.4478, 0.4744 by changing the saturation by 10% instead.


 25.4353, 0.4478,
0.4744


 25.4353, 0.4478,
0.4744


279.9989, 0.3815,
0.4026

 16.4017, 0.4605,
0.4883


 52.3625, 0.4257,
0.4504

 9.8088, 0.4756,
0.5051


 71.0249, 0.4167,
0.4405


 5.2724, 0.4844,
0.5156

 93.6657, 0.4088,
0.4320

 2.4080, 0.4835,
0.5165

 120.6692, 0.4018,
0.4245


 0.8300, 0.4816,
0.5184


 152.4199, 0.3958,
0.4180


 0.0000, 0.0000,
0.0000


 189.3021, 0.3905,


0.4123


 231.7003, 0.3857,
0.4072

 25.4353, 0.4478,
0.4744


 25.4353, 0.4478,
0.4744


 24.5610, 0.4555,
0.4762


 26.3679, 0.4378,
0.4689

 24.5277, 0.4558,
0.4763

 27.3676, 0.4251,
0.4590

 28.4415, 0.4103,
0.4451

 29.5946, 0.3940,
0.4282

 30.8312, 0.3770,
0.4092

■ 32.1555, 0.3598,
0.3889

■ 33.5709, 0.3431,
0.3683

■ 35.0811, 0.3271,
0.3479

■ 36.6892, 0.3122,
0.3283

Harmonies

Analogous

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



25.4353, 0.5021, 0.4062



25.4353, 0.4478, 0.4744



25.4353, 0.3633, 0.5166

Triad

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



25.4353, 0.4478, 0.4744



25.4353, 0.1546, 0.2753



25.4353, 0.3312, 0.2214

Complementary

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



25.4353, 0.4478, 0.4744



4.5587, 0.1632, 0.0961

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.



25.4353, 0.2379, 0.1904



25.4353, 0.4478, 0.4744



25.4353, 0.1499, 0.2104

Square

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



25.4353, 0.4478, 0.4744



25.4353, 0.1950, 0.3820



25.4353, 0.1772, 0.1851



25.4353, 0.4345, 0.2732

Rectangle

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



25.4353, 0.4478, 0.4744



25.4353, 0.3011, 0.5067



25.4353, 0.1772, 0.1851



25.4353, 0.2972, 0.2084

Sweetspot

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



25.4365, 0.4478, 0.4744



58.1099, 0.3562, 0.3845



8.3837, 0.5731, 0.3041



12.8728, 0.3617, 0.3912



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.4365, 0.4478, 0.4744



43.6545, 0.4566, 0.4757



30.1691, 0.3703, 0.5363



8.0137, 0.3266, 0.3472



19.1238, 0.4554, 0.4766



0.4563, 0.4403, 0.4886

Inverse Universe

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



4.5587, 0.1632, 0.0961



6.1944, 0.1545, 0.0761



4.0273, 0.1827, 0.0844



7.0619, 0.2987, 0.3101



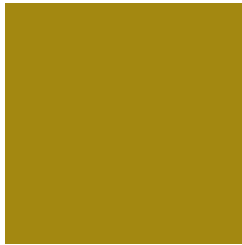
2.8327, 0.1555, 0.0797



0.1148, 0.1714, 0.1368

Previews

White Background



This preview shows how the Yxy color 25.4353, 0.4478, 0.4744 looks on a white background.

Color Contrast Check

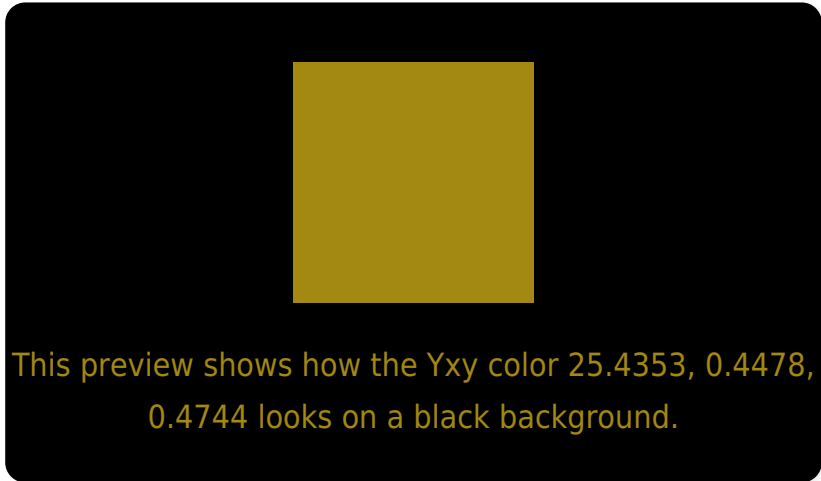
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 25.4353, 0.4478, 0.4744

Background



This preview shows how black text looks on a background with the Yxy color 25.4353, 0.4478, 0.4744.



This preview shows how white text looks on a background with the Yxy color 25.4353, 0.4478, 0.4744.

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

25.4353, 0.4478, 0.4744

Protanopia

25.5768, 0.4356, 0.4833

Deuteranopia

25.4007, 0.4666, 0.4570



Tritanopia

25.2453, 0.3543, 0.3140

Trichromacy



Original Color

25.4353, 0.4478, 0.4744

Protanomaly

25.5916, 0.4403, 0.4796

Deuteranomaly

25.4835, 0.4598, 0.4630

Tritanomaly

24.9711, 0.4004, 0.3861

Monochromacy



Original Color

25.4353, 0.4478, 0.4744

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3529, 0.3720, 0.4029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4353, 0.4478, 0.4744 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(163, 136, 17)` looks like.

```
.text, #text, p{  
    color:rgb(163, 136, 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(163, 136, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 136, 17) }
```

Border

The CSS property to change the border of an element to Yxy 25.4353, 0.4478, 0.4744 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(163, 136, 17) }
```

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

```
.border{ border-color:rgb(163, 136, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 136, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 136, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 136, 17);  
box-shadow:4px 4px 4px 4px rgb(163, 136,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4353, 0.4478, 0.4744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 136, 17) }
```

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

```
.background{ background-color: rgb(163,  
136, 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](#).

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