

Converting Colors

$Y_{xy}(24.3629, 0.4313, 0.4787)$

Have a look what the booklet for
Yxy(24.3629, 0.4313, 0.4787)
contains.

Yxy(24.3629, 0.4313, 0.4787)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.3629, 0.4313, 0.4787)

Conversions

Conversions Part 1

Format	Color
Hex	98881B
RGB	152, 136, 27
RGB Percent	60%, 53%, 11%
CMY	0.4039, 0.4666, 0.8942
CMYK	0.00, 0.11, 0.82, 0.40
HSL	52°, 70%, 35%
HSV	52°, 82%, 60%
XYZ	21.9505, 24.3629, 4.5804
YIQ	128.3580, 44.5250, -30.5070

Conversions

Conversions Part 2

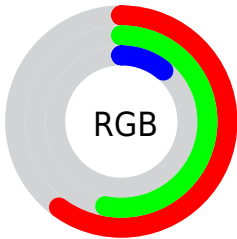
Format	Color
R_{YB}	45, 152, 27
Decimal	9996315
CIE Lab	56.45, -5.52, 55.35
CIE LCh	56, 55.629, 95.691
Yxy	24.3629, 0.4313, 0.4787
Android (android.graphics.Color)	4288186395 (0xFF98881B)
YUV	128.3580, -49.9695, 20.7340
Hunter-Lab	49.3588, -6.9965, 29.0491

Details

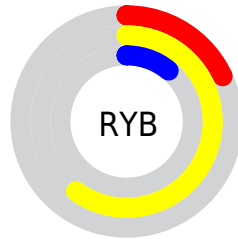
The Yxy color **24.3629, 0.4313, 0.4787** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4.2248, 0.1688, 0.1021**, and the grayscale version is **21.8825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.5597, 0.4112, 0.4519**, and **9.3578, 0.4374, 0.4909** is the 20% darker color. If you saturate the color by 10%, you get **23.7683, 0.4388, 0.4840**, and if you desaturate by 10%, it is **25.0062, 0.4212, 0.4691**.

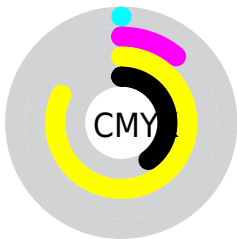
Distribution



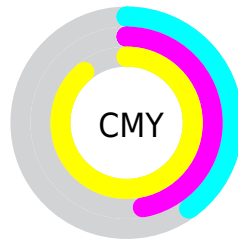
- Red (60%)
- Green (53%)
- Blue (11%)



- Red (18%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (11%)
- Yellow (82%)
- Black (40%)





- Cyan (40%)
- Magenta (47%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.3629, 0.4313, 0.4787 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 24.3629, 0.4313, 0.4787 by changing the saturation by 10% instead.


 24.3629, 0.4313,
0.4787


 24.3629, 0.4313,
0.4787

274.6501, 0.3727,
0.4015


 15.6030, 0.4426,
0.4955


 50.6218, 0.4117,
0.4516

 9.2437, 0.4551,
0.5157


 68.8895, 0.4036,
0.4410

 4.9005, 0.4644,
0.5356


 91.0954, 0.3966,
0.4319

 2.1890, 0.4572,
0.5428

 117.6238, 0.3905,
0.4240

 0.7140, 0.4324,
0.5676

 148.8590, 0.3852,
0.4173

 0.0000, 0.0000,
0.0000

 185.1856, 0.3805,

0.4113

226.9878, 0.3764,
0.4061

24.3629, 0.4313,
0.4787

24.3629, 0.4313,
0.4787

23.7683, 0.4388,
0.4840

25.0062, 0.4212,
0.4691

23.3287, 0.4434,
0.4862

25.6996, 0.4087,
0.4555

26.4486, 0.3944,
0.4385

27.2569, 0.3788,
0.4191

28.1277, 0.3627,
0.3981

■ 29.0643, 0.3466,
0.3764

■ 30.0693, 0.3309,
0.3547

■ 31.1456, 0.3160,
0.3336

■ 32.2954, 0.3020,
0.3135

Harmonies

Analogous

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



24.3629, 0.4890, 0.4160



24.3629, 0.4313, 0.4787



24.3629, 0.3477, 0.5084

Triad

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



24.3629, 0.4313, 0.4787



24.3629, 0.1577, 0.2651



24.3629, 0.3474, 0.2327

Complementary

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



24.3629, 0.4313, 0.4787



4.2248, 0.1688, 0.1021

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.



24.3629, 0.2543, 0.1989



24.3629, 0.4313, 0.4787



24.3629, 0.1582, 0.2091

Square

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



24.3629, 0.4313, 0.4787



24.3629, 0.1912, 0.3612



24.3629, 0.1899, 0.1896



24.3629, 0.4429, 0.2856

Rectangle

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



24.3629, 0.4313, 0.4787



24.3629, 0.2880, 0.4885



24.3629, 0.1899, 0.1896



24.3629, 0.3142, 0.2190

Sweetspot

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



24.3641, 0.4313, 0.4787



50.7551, 0.3518, 0.3834



7.6370, 0.5623, 0.3115



11.4144, 0.3570, 0.3904



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.3641, 0.4313, 0.4787



41.0959, 0.4434, 0.4856



25.6089, 0.3618, 0.5329



7.0880, 0.3263, 0.3482



19.5922, 0.4432, 0.4863



0.3258, 0.4313, 0.4958

Inverse Universe

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



4.2248, 0.1688, 0.1021



4.7902, 0.1531, 0.0704



4.4587, 0.2028, 0.1028



6.1474, 0.2988, 0.3090



2.3315, 0.1533, 0.0720



0.0638, 0.1666, 0.1198

Previews

White Background



This preview shows how the Yxy color 24.3629, 0.4313, 0.4787 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 24.3629, 0.4313, 0.4787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

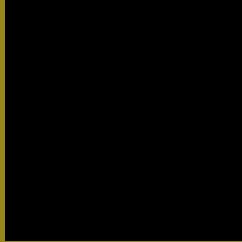
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3629, 0.4313, 0.4787

Background



This preview shows how black text looks on a background with the Yxy color 24.3629, 0.4313, 0.4787.



This preview shows how white text looks on a background with the Yxy color 24.3629, 0.4313, 0.4787.

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

24.3629, 0.4313, 0.4787

Protanopia

24.3629, 0.4313, 0.4787

Deuteranopia

24.4574, 0.4605, 0.4525



Tritanopia

24.4299, 0.3420, 0.3149

Trichromacy



Original Color

24.3629, 0.4313, 0.4787

Protanomaly

24.3629, 0.4313, 0.4787

Deuteranomaly

24.4888, 0.4491, 0.4622

Tritanomaly

23.9779, 0.3846, 0.3842

Monochromacy



Original Color

24.3629, 0.4313, 0.4787

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

22.3063, 0.3644, 0.4000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3629, 0.4313, 0.4787 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(152, 136, 27)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 27)  
}
```

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(152, 136, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 27) }
```

Border

The CSS property to change the border of an element to Yxy 24.3629, 0.4313, 0.4787 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(152, 136, 27) }
```

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

```
.border{ border-color:rgb(152, 136, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 27);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
27) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3629, 0.4313, 0.4787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 27) }
```

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

```
.background{ background-color: rgb(152,  
136, 27) }
```

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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