

Converting Colors

$Y_{xy}(25.4697, 0.4944, 0.4398)$

Have a look what the booklet for
Yxy(25.4697, 0.4944, 0.4398)
contains.

Yxy(25.3942, 0.4941, 0.4399)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.3942, 0.4941, 0.4399)$

Conversions

Conversions Part 1

Format	Color
Hex	BE7C0E
RGB	190, 124, 14
RGB Percent	75%, 49%, 5%
CMY	0.2549, 0.5137, 0.9455
CMYK	0.00, 0.35, 0.93, 0.25
HSL	38°, 86%, 40%
HSV	38°, 93%, 75%
XYZ	28.5230, 25.3942, 3.8100
YIQ	131.1940, 74.6460, -20.2180

Conversions

Conversions Part 2

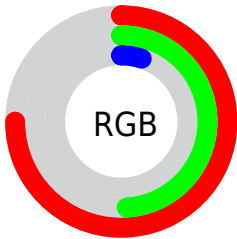
Format	Color
R _Y B	120, 190, 14
Decimal	12483598
CIE Lab	57.46, 18.12, 61.23
CIE LCh	57, 63.861, 73.512
Yxy	25.3942, 0.4941, 0.4399
Android (android.graphics.Color)	4290673678 (0xFFBE7C0E)
YUV	131.1940, -57.7766, 51.5729
Hunter-Lab	50.3927, 12.8466, 30.7922

Details

The Yxy color **25.3942, 0.4941, 0.4399** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.5343, 0.1719, 0.1328**, and the grayscale version is **22.9578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.4479, 0.4621, 0.4271**, and **9.8574, 0.5161, 0.4284** is the 20% darker color. If you saturate the color by 10%, you get **24.0923, 0.5048, 0.4374**, and if you desaturate by 10%, it is **27.3233, 0.4773, 0.4399**.

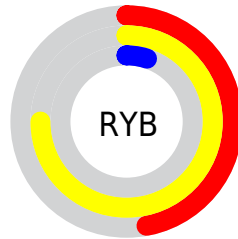
Distribution



Red (75%)

Green (49%)

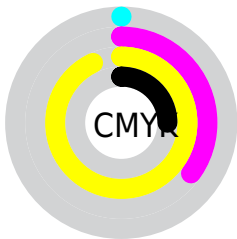
Blue (5%)



Red (47%)

Yellow (75%)

Blue (5%)

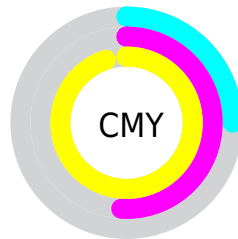


Cyan (0%)

Magenta (35%)

Yellow (93%)

Black (25%)



Cyan (25%)


Magenta (51%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3942, 0.4941, 0.4399 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 25.3942, 0.4941, 0.4399 by changing the saturation by 10% instead.


 25.3942, 0.4941,
0.4399

 25.3942, 0.4941,
0.4399


279.7954, 0.4026,
0.3925


 16.3710, 0.5132,
0.4454


 52.2960, 0.4627,
0.4266


 9.7871, 0.5381,
0.4511

 70.9434, 0.4501,
0.4203


 5.2580, 0.5563,
0.4437

 93.5676, 0.4393,
0.4144

 2.3994, 0.5755,
0.4245

 120.5531, 0.4299,
0.4091

 0.8256, 0.6096,
0.3904

 152.2843, 0.4217,
0.4043

 0.0000, 1.0000,
0.0000

 189.1454, 0.4146,

 0.0000, 0.0000,

0.3999

0.0000

231.5210, 0.4082,
0.3960

25.3942, 0.4941,
0.4399

25.3942, 0.4941,
0.4399

24.0923, 0.5048,
0.4374

27.3233, 0.4773,
0.4399

29.4427, 0.4575,
0.4348

31.7650, 0.4359,
0.4254

34.3001, 0.4136,
0.4125

37.0568, 0.3915,
0.3975

■ 40.0434, 0.3704,
0.3813

■ 43.2672, 0.3508,
0.3648

■ 46.7353, 0.3329,
0.3486

■ 50.4545, 0.3168,
0.3330

Harmonies

Analogous

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



25.3942, 0.5235, 0.3657



25.3942, 0.4941, 0.4399



25.3942, 0.4182, 0.5085

Triad

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



25.3942, 0.4941, 0.4399



25.3942, 0.1638, 0.3317



25.3942, 0.2712, 0.1932

Complementary

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



25.3942, 0.4941, 0.4399



9.5343, 0.1719, 0.1328

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.



25.3942, 0.1916, 0.1756



25.3942, 0.4941, 0.4399



25.3942, 0.1390, 0.2351

Square

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



25.3942, 0.4941, 0.4399



25.3942, 0.2284, 0.4579



25.3942, 0.1488, 0.1869



25.3942, 0.3808, 0.2357

Rectangle

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



25.3942, 0.4941, 0.4399



25.3942, 0.3550, 0.5322



25.3942, 0.1488, 0.1869



25.3942, 0.2405, 0.1843

Sweetspot

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



25.3955, 0.4941, 0.4399



74.9761, 0.3619, 0.3744



11.8598, 0.5239, 0.2714



15.9157, 0.3707, 0.3816



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.3955, 0.4941, 0.4399



43.1619, 0.5065, 0.4360



45.3476, 0.3989, 0.5175



10.5031, 0.3273, 0.3433



16.1734, 0.5034, 0.4385



0.7553, 0.4783, 0.4584

Inverse Universe

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



9.5343, 0.1719, 0.1328



14.5144, 0.1655, 0.1159



4.3772, 0.1594, 0.0689



9.7955, 0.2984, 0.3143



5.6264, 0.1670, 0.1211



0.3471, 0.1808, 0.1709

Previews

White Background



This preview shows how the Yxy color 25.3942, 0.4941, 0.4399 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 25.3942, 0.4941, 0.4399 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 25.3942, 0.4941, 0.4399

Background



This preview shows how black text looks on a background with the Yxy color 25.3942, 0.4941, 0.4399.



This preview shows how white text looks on a background with the Yxy color 25.3942, 0.4941, 0.4399.

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

25.3942, 0.4941, 0.4399

Protanopia

25.5802, 0.4353, 0.4828

Deuteranopia

25.3466, 0.4718, 0.4636



Tritanopia

25.3188, 0.4042, 0.3171

Trichromacy



Original Color

25.3942, 0.4941, 0.4399

Protanomaly

25.4155, 0.4561, 0.4679

Deuteranomaly

25.1526, 0.4803, 0.4547

Tritanomaly

24.9344, 0.4514, 0.3743

Monochromacy



Original Color

25.3942, 0.4941, 0.4399

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.8183, 0.3887, 0.3954

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3942, 0.4941, 0.4399 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(190, 124, 14)` looks like.

```
.text, #text, p{  
    color:rgb(190, 124, 14)  
}
```

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(190, 124, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 124, 14) }
```

Border

The CSS property to change the border of an element to Yxy 25.3942, 0.4941, 0.4399 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(190, 124, 14) }
```

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

```
.border{ border-color:rgb(190, 124, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 124, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 124, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 124, 14);  
box-shadow:4px 4px 4px 4px rgb(190, 124,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3942, 0.4941, 0.4399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 124, 14) }
```

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

```
.background{ background-color: rgb(190,  
124, 14) }
```

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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