

Converting Colors

$Y_{xy}(14.7649, 0.3960, 0.3839)$

Have a look what the booklet for
Yxy(14.7649, 0.3960, 0.3839)
contains.

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Color

Yxy(14.7430, 0.3950, 0.3833)

Conversions

Conversions Part 1

Format	Color
Hex	82664A
RGB	130, 102, 74
RGB Percent	51%, 40%, 29%
CMY	0.4902, 0.6000, 0.7097
CMYK	0.00, 0.22, 0.43, 0.49
HSL	30°, 27%, 40%
HSV	30°, 43%, 51%
XYZ	15.1930, 14.7430, 8.5273
YIQ	107.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

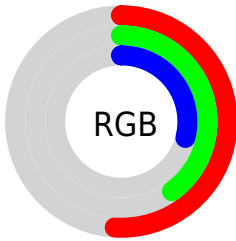
Format	Color
RYB	130, 130, 74
Decimal	8545866
CIELab	45.28, 7.22, 20.09
CIELCh	45, 21.344, 70.238
Yxy	14.7430, 0.3950, 0.3833
Android (android.graphics.Color)	4286735946 (0xFF82664A)
YUV	107.1800, -16.3577, 20.0131
Hunter-Lab	38.3966, 3.4360, 13.7102

Details

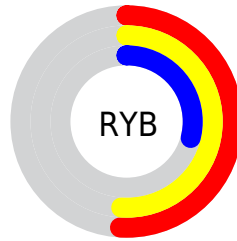
The Yxy color **14.7430, 0.3950, 0.3833** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12.5728, 0.2464, 0.2669**, and the grayscale version is **14.7971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.4029, 0.3747, 0.3712**, and **4.4884, 0.4326, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **13.3581, 0.4198, 0.3953**, and if you desaturate by 10%, it is **16.2657, 0.3722, 0.3705**.

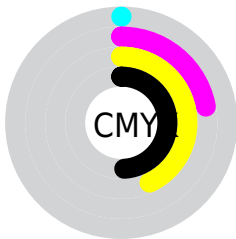
Distribution



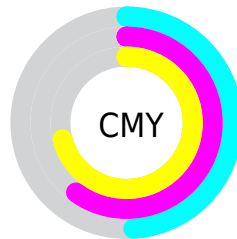
- Red (51%)
- Green (40%)
- Blue (29%)



- Red (51%)
- Yellow (51%)
- Blue (29%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (49%)





- Cyan (49%)
- Magenta (60%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7430, 0.3950, 0.3833 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 14.7430, 0.3950, 0.3833 by changing the saturation by 10% instead.


 14.7430, 0.3950,
0.3833


 14.7430, 0.3950,
0.3833


221.8054, 0.3461,
0.3523

 8.6392, 0.4106,
0.3923


 34.4017, 0.3749,
0.3711


 4.5066, 0.4329,
0.4043

 48.7254, 0.3681,
0.3668


 1.9608, 0.4761,
0.4283

 66.5578, 0.3627,
0.3632

 0.5845, 0.5559,
0.4441

 88.2835, 0.3582,
0.3603

 0.0000, 0.0000,
0.0000

 114.2866, 0.3544,
0.3578

144.9517, 0.3512,

0.3557

180.6632, 0.3485,
0.3539

■ 14.7430, 0.3950,
0.3833

■ 14.7430, 0.3950,
0.3833

■ 13.3581, 0.4198,
0.3953

■ 16.2657, 0.3722,
0.3705

■ 12.1044, 0.4460,
0.4055

■ 17.9284, 0.3516,
0.3574

■ 10.9777, 0.4725,
0.4128

■ 19.7359, 0.3333,
0.3447

■ 9.9728, 0.4980,
0.4162

■ 21.6919, 0.3172,
0.3326

■ 9.0836, 0.5210,
0.4146

■ 23.8002, 0.3031,
0.3212

■ 8.5248, 0.5365,
0.4122

■ 26.0643, 0.2907,
0.3106

■ 28.4876, 0.2799,
0.3008

■ 31.0734, 0.2705,
0.2918

■ 33.8249, 0.2622,
0.2836

Harmonies

Analogous

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



14.7430, 0.3986, 0.3505



14.7430, 0.3950, 0.3833



14.7430, 0.3684, 0.4048

Triad

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



14.7430, 0.3950, 0.3833



14.7430, 0.2511, 0.3388



14.7430, 0.2928, 0.2644

Complementary

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



14.7430, 0.3950, 0.3833



12.5728, 0.2464, 0.2669

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.



14.7430, 0.2565, 0.2585



14.7430, 0.3950, 0.3833



14.7430, 0.2338, 0.2978

Square

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



14.7430, 0.3950, 0.3833



14.7430, 0.2850, 0.3802



14.7430, 0.2358, 0.2695



14.7430, 0.3372, 0.2848

Rectangle

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



14.7430, 0.3950, 0.3833



14.7430, 0.3423, 0.4079



14.7430, 0.2358, 0.2695



14.7430, 0.2793, 0.2607

Sweetspot

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



14.7437, 0.3950, 0.3833



34.6821, 0.3338, 0.3450



10.6239, 0.3630, 0.2735



7.7090, 0.3371, 0.3474



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



14.7437, 0.3950, 0.3833



23.4993, 0.4201, 0.3954



20.9560, 0.3748, 0.4293



4.6717, 0.3267, 0.3398



8.1886, 0.5362, 0.4124



0.0000, 0.0000, 0.0000

Inverse Universe

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



12.5728, 0.2464, 0.2669



19.1305, 0.2310, 0.2490



8.0944, 0.2363, 0.2042



4.5392, 0.2993, 0.3180



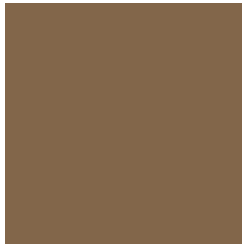
5.1846, 0.1786, 0.1629



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 14.7430, 0.3950, 0.3833 looks on a white 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

Black Background



This preview shows how the Yxy color 14.7430, 0.3950, 0.3833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

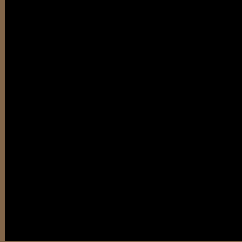
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7430, 0.3950, 0.3833

Background



This preview shows how black text looks on a background with the Yxy color 14.7430, 0.3950, 0.3833.



This preview shows how white text looks on a background with the Yxy color 14.7430, 0.3950, 0.3833.

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

14.7430, 0.3950, 0.3833

Protanopia

14.7502, 0.3673, 0.3936

Deuteranopia

14.7841, 0.3912, 0.3859



Tritanopia

14.7418, 0.3555, 0.3159

Trichromacy



Original Color

14.7430, 0.3950, 0.3833

Protanomaly

14.6761, 0.3776, 0.3901

Deuteranomaly

14.8620, 0.3927, 0.3855

Tritanomaly

14.6374, 0.3703, 0.3388

Monochromacy



Original Color

14.7430, 0.3950, 0.3833

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.5742, 0.3406, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7430, 0.3950, 0.3833 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(130, 102, 74)` looks like.

```
.text, #text, p{  
    color:rgb(130, 102, 74)  
}
```

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(130, 102, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 102, 74) }
```

Border

The CSS property to change the border of an element to Yxy 14.7430, 0.3950, 0.3833 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(130, 102, 74) }
```

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

```
.border{ border-color:rgb(130, 102, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 102, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 102, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 102, 74);  
box-shadow:4px 4px 4px 4px rgb(130, 102,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7430, 0.3950, 0.3833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 102, 74) }
```

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

```
.background{ background-color: rgb(130,  
102, 74) }
```

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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