

Converting Colors

$Yxy(41.5974, 0.4598, 0.4232)$

Have a look what the booklet for
Yxy(41.5974, 0.4598, 0.4232)
contains.

Yxy(41.5694, 0.4602, 0.4234)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.5694, 0.4602, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	E39F46
RGB	227, 159, 70
RGB Percent	89%, 62%, 27%
CMY	0.1098, 0.3765, 0.7257
CMYK	0.00, 0.30, 0.69, 0.11
HSL	34°, 74%, 58%
HSV	34°, 69%, 89%
XYZ	45.1824, 41.5694, 11.4281
YIQ	169.1860, 69.0970, -13.2630

Conversions

Conversions Part 2

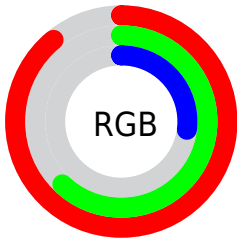
Format	Color
RYB	190, 227, 70
Decimal	14917446
CIELab	70.57, 17.06, 54.92
CIELCh	71, 57.512, 72.740
Yxy	41.5694, 0.4602, 0.4234
Android (android.graphics.Color)	4293107526 (0xFFE39F46)
YUV	169.1860, -48.8987, 50.7029
Hunter-Lab	64.4743, 12.2594, 34.6228

Details

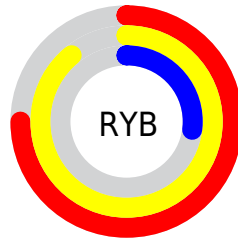
The Yxy color **41.5694, 0.4602, 0.4234** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **25.0098, 0.2011, 0.1975**, and the grayscale version is **39.9933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7583, 0.4095, 0.4212**, and **18.9723, 0.4937, 0.4381** is the 20% darker color. If you saturate the color by 10%, you get **38.0899, 0.4836, 0.4286**, and if you desaturate by 10%, it is **45.4302, 0.4355, 0.4139**.

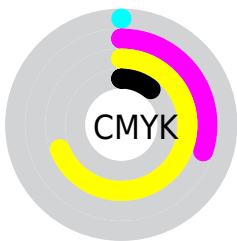
Distribution



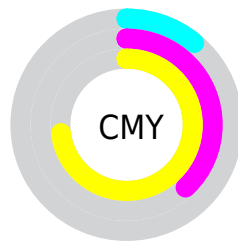
- Red (89%)
- Green (62%)
- Blue (27%)



- Red (75%)
- Yellow (89%)
- Blue (27%)



- Cyan (0%)
- Magenta (30%)
- Yellow (69%)
- Black (11%)



- Cyan (11%)
- Magenta (38%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5694, 0.4602, 0.4234 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 41.5694, 0.4602, 0.4234 by changing the saturation by 10% instead.


 41.5694, 0.4602,
0.4234


 41.5694, 0.4602,
0.4234


352.6948, 0.3884,
0.3824


 28.7643, 0.4761,
0.4306


 77.5475, 0.4354,
0.4106

 18.9026, 0.4947,
0.4377


 101.4893, 0.4256,
0.4051

 11.5999, 0.5163,
0.4434


 129.9121, 0.4172,
0.4002

 6.4719, 0.5483,
0.4517

 163.2002, 0.4099,
0.3958

 3.1341, 0.5640,
0.4360

 201.7382, 0.4035,
0.3919

 1.2021, 0.5905,
0.4095

245.9104, 0.3979,

 0.0634, 0.8826,

0.3884

0.1174

296.1011, 0.3929,
0.3852

0.0000, 0.0000,
0.0000

41.5694, 0.4602,
0.4234

41.5694, 0.4602,
0.4234

38.0899, 0.4836,
0.4286

45.4302, 0.4355,
0.4139

34.9662, 0.5042,
0.4286

49.6829, 0.4108,
0.4014


32.1735, 0.5215,
0.4236

54.3452, 0.3872,
0.3871


31.9582, 0.5228,
0.4231


59.4311, 0.3652,
0.3719

64.9541, 0.3452,
0.3567

 70.9269, 0.3274,
0.3419

 77.3614, 0.3115,
0.3279

 84.2689, 0.2975,
0.3148

 90.3576, 0.2957,
0.3214

Harmonies

Analogous

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



41.5694, 0.4768, 0.3637



41.5694, 0.4602, 0.4234



41.5694, 0.4039, 0.4713

Triad

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



41.5694, 0.4602, 0.4234



41.5694, 0.1961, 0.3363



41.5694, 0.2797, 0.2183

Complementary

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



41.5694, 0.4602, 0.4234



25.0098, 0.2011, 0.1975

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.



41.5694, 0.2150, 0.2047



41.5694, 0.4602, 0.4234



41.5694, 0.1722, 0.2598

Square

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



41.5694, 0.4602, 0.4234



41.5694, 0.2513, 0.4263



41.5694, 0.1790, 0.2168



41.5694, 0.3641, 0.2537

Rectangle

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



41.5694, 0.4602, 0.4234



41.5694, 0.3539, 0.4835



41.5694, 0.1790, 0.2168



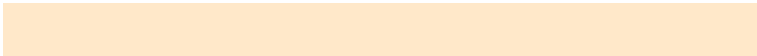
41.5694, 0.2552, 0.2111

Sweetspot

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



41.5715, 0.4602, 0.4234



83.1069, 0.3490, 0.3597



22.5413, 0.4402, 0.2580



17.3550, 0.3544, 0.3639



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.5715, 0.4602, 0.4234



47.7598, 0.4930, 0.4293



70.0636, 0.3978, 0.4885



15.7175, 0.3278, 0.3423



18.8732, 0.5209, 0.4246



1.5785, 0.5020, 0.4396

Inverse Universe

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



25.0098, 0.2011, 0.1975



25.0661, 0.1839, 0.1662



11.6445, 0.1848, 0.1110



14.9084, 0.2981, 0.3153



8.5823, 0.1713, 0.1366



0.8160, 0.1792, 0.1650

Previews

White Background



This preview shows how the Yxy color 41.5694, 0.4602, 0.4234 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 41.5694, 0.4602, 0.4234 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 ✓ Pass

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

Yxy 41.5694, 0.4602, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 41.5694, 0.4602, 0.4234.



This preview shows how white text looks on a background with the Yxy color 41.5694, 0.4602, 0.4234.

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

41.5694, 0.4602, 0.4234

Protanopia

41.5880, 0.4121, 0.4520

Deuteranopia

41.4153, 0.4458, 0.4360



Tritanopia

41.3917, 0.3871, 0.3155

Trichromacy



Original Color

41.5694, 0.4602, 0.4234

Protanomaly

41.4654, 0.4295, 0.4410

Deuteranomaly

41.3304, 0.4507, 0.4311

Tritanomaly

41.3299, 0.4179, 0.3581

Monochromacy



Original Color

41.5694, 0.4602, 0.4234

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.5509, 0.3664, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5694, 0.4602, 0.4234 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(227, 159, 70)` looks like.

```
.text, #text, p{  
  color:rgb(227, 159, 70)  
}
```

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(227, 159, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 70) }
```

Border

The CSS property to change the border of an element to Yxy 41.5694, 0.4602, 0.4234 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(227, 159, 70) }
```

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

```
.border{ border-color:rgb(227, 159, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 159, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 70);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5694, 0.4602, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 70) }
```

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

```
.background{ background-color: rgb(227,  
159, 70) }
```

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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