

Converting Colors

$Yxy(41.5158, 0.4661, 0.4252)$

Have a look what the booklet for
Yxy(41.5158, 0.4661, 0.4252)
contains.

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Color

Yxy(41.4934, 0.4661, 0.4251)

Conversions

Conversions Part 1

Format	Color
Hex	E59E41
RGB	229, 158, 65
RGB Percent	90%, 62%, 25%
CMY	0.1020, 0.3804, 0.7449
CMYK	0.00, 0.31, 0.72, 0.10
HSL	34°, 76%, 58%
HSV	34°, 72%, 90%
XYZ	45.4954, 41.4934, 10.6198
YIQ	168.6270, 72.1690, -13.8710

Conversions

Conversions Part 2

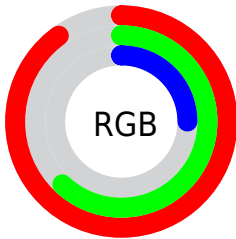
Format	Color
RYB	190, 229, 65
Decimal	15048257
CIELab	70.52, 18.19, 57.11
CIELCh	71, 59.937, 72.333
Yxy	41.4934, 0.4661, 0.4251
Android (android.graphics.Color)	4293238337 (0xFFE59E41)
YUV	168.6270, -51.0881, 52.9471
Hunter-Lab	64.4154, 13.3443, 35.3159

Details

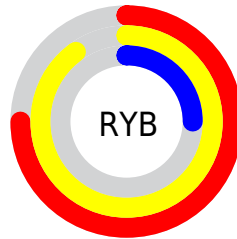
The Yxy color **41.4934, 0.4661, 0.4251** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **24.4046, 0.1978, 0.1921**, and the grayscale version is **39.7163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1329, 0.4132, 0.4247**, and **18.9570, 0.5009, 0.4388** is the 20% darker color. If you saturate the color by 10%, you get **38.0336, 0.4890, 0.4291**, and if you desaturate by 10%, it is **45.3379, 0.4416, 0.4166**.

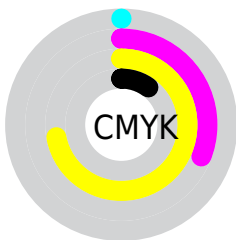
Distribution



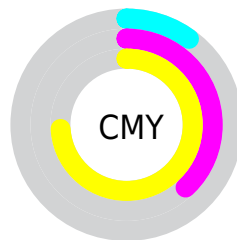
- Red (90%)
- Green (62%)
- Blue (25%)



- Red (75%)
- Yellow (90%)
- Blue (25%)



- Cyan (0%)
- Magenta (31%)
- Yellow (72%)
- Black (10%)





- Cyan (10%)
- Magenta (38%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.4934, 0.4661, 0.4251 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 41.4934, 0.4661, 0.4251 by changing the saturation by 10% instead.

 41.4934, 0.4661,
0.4251


 41.4934, 0.4661,
0.4251


352.3786, 0.3918,
0.3840


 28.7048, 0.4823,
0.4319


 77.4323, 0.4406,
0.4125


 18.8576, 0.5012,
0.4384


 101.3515, 0.4305,
0.4070

 11.5675, 0.5227,
0.4431


 129.7496, 0.4217,
0.4021

 6.4499, 0.5522,
0.4478

 163.0111, 0.4142,
0.3977

 3.1205, 0.5689,
0.4311

 201.5203, 0.4075,
0.3937

 1.1950, 0.5968,
0.4032

245.6617, 0.4017,

 0.0576, 0.8965,

0.3902

0.1035

295.8197, 0.3965,
0.3869

■ 0.0000, 0.0000,
0.0000

■ 41.4934, 0.4661,
0.4251

■ 41.4934, 0.4661,
0.4251

■ 38.0336, 0.4890,
0.4291

■ 45.3379, 0.4416,
0.4166

■ 34.9320, 0.5088,
0.4278


■ 49.5786, 0.4168,
0.4047


■ 32.5791, 0.5229,
0.4230


■ 54.2338, 0.3928,
0.3907


■ 59.3183, 0.3704,
0.3756

■ 64.8458, 0.3499,
0.3604

 70.8296, 0.3315,
0.3454

 77.2819, 0.3151,
0.3312

 84.2147, 0.3007,
0.3178

 90.5547, 0.2969,
0.3212

Harmonies

Analogous

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



41.4934, 0.4834, 0.3632



41.4934, 0.4661, 0.4251



41.4934, 0.4076, 0.4762

Triad

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



41.4934, 0.4661, 0.4251



41.4934, 0.1921, 0.3375



41.4934, 0.2771, 0.2142

Complementary

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



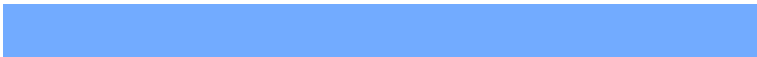
41.4934, 0.4661, 0.4251



24.4046, 0.1978, 0.1921

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.



41.4934, 0.2107, 0.2003



41.4934, 0.4661, 0.4251



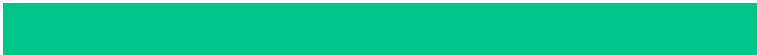
41.4934, 0.1675, 0.2575

Square

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



41.4934, 0.4661, 0.4251



41.4934, 0.2494, 0.4321



41.4934, 0.1742, 0.2129



41.4934, 0.3648, 0.2503

Rectangle

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



41.4934, 0.4661, 0.4251



41.4934, 0.3559, 0.4903



41.4934, 0.1742, 0.2129



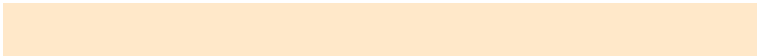
41.4934, 0.2518, 0.2069

Sweetspot

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



41.4955, 0.4661, 0.4251



83.1050, 0.3490, 0.3597



22.2250, 0.4471, 0.2570



17.3545, 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.



41.4955, 0.4661, 0.4251



46.5392, 0.4992, 0.4292



71.3369, 0.3994, 0.4921



15.7174, 0.3278, 0.3423



18.8710, 0.5209, 0.4246



1.5784, 0.5020, 0.4396

Inverse Universe

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



24.4046, 0.1978, 0.1921



23.7325, 0.1809, 0.1600



10.9796, 0.1807, 0.1043



14.9086, 0.2981, 0.3153



8.5839, 0.1713, 0.1366



0.8161, 0.1792, 0.1650

Previews

White Background



This preview shows how the Yxy color 41.4934, 0.4661, 0.4251 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 41.4934, 0.4661, 0.4251 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 41.4934, 0.4661, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 41.4934, 0.4661, 0.4251.



This preview shows how white text looks on a background with the Yxy color 41.4934, 0.4661, 0.4251.

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

41.4934, 0.4661, 0.4251

Protanopia

41.6543, 0.4162, 0.4561

Deuteranopia

41.5087, 0.4498, 0.4394



Tritanopia

41.3452, 0.3915, 0.3167

Trichromacy



Original Color

41.4934, 0.4661, 0.4251

Protanomaly

41.5444, 0.4336, 0.4448

Deuteranomaly

41.5830, 0.4557, 0.4340

Tritanomaly

41.2608, 0.4235, 0.3600

Monochromacy



Original Color

41.4934, 0.4661, 0.4251

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.6253, 0.3692, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4934, 0.4661, 0.4251 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(229, 158, 65)` looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 65)  
}
```

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(229, 158, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 65) }
```

Border

The CSS property to change the border of an element to Yxy 41.4934, 0.4661, 0.4251 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(229, 158, 65) }
```

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

```
.border{ border-color:rgb(229, 158, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 158, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 158, 65);  
box-shadow:4px 4px 4px 4px rgb(229, 158,  
65) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 41.4934, 0.4661, 0.4251$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 65) }
```

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

```
.background{ background-color: rgb(229,  
158, 65) }
```

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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