

Converting Colors

YUV(171.6290, -40.7361,
45.9294)

Have a look what the booklet for
YUV(171.6290, -40.7361, 45.9294)
contains.

YUV(171.6290, -40.7361, 45.9294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.6290, -40.7361,
45.9294)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A159
RGB	224, 161, 89
RGB Percent	88%, 63%, 35%
CMY	0.1216, 0.3686, 0.6510
CMYK	0.00, 0.28, 0.60, 0.12
HSL	32°, 69%, 61%
HSV	32°, 60%, 88%
XYZ	45.2885, 42.0583, 15.1823
YIQ	171.6290, 60.6600, -9.0360

Conversions

Conversions Part 2

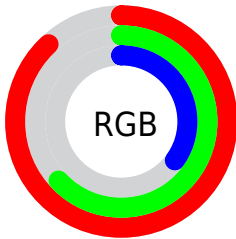
Format	Color
R _Y B	207, 224, 89
Decimal	14721369
CIE Lab	70.91, 15.91, 46.14
CIE LCh	71, 48.803, 70.971
Yxy	42.0583, 0.4417, 0.4102
Android (android.graphics.Color)	4292911449 (0xFFE0A159)
YUV	171.6290, -40.7361, 45.9294
Hunter-Lab	64.8524, 11.1607, 31.5165

Details

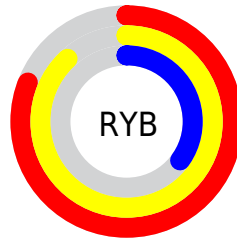
The YUV color **171.6290, -40.7361, 45.9294** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **141.3710, 40.7361, -45.9294**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1110, -38.5087, 31.4747**, and **117.7640, -38.8307, 41.4260** is the 20% darker color. If you saturate the color by 10%, you get **163.2510, -47.4517, 53.2769**, and if you desaturate by 10%, it is **180.0070, -34.0205, 38.5819**.

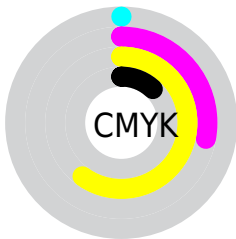
Distribution



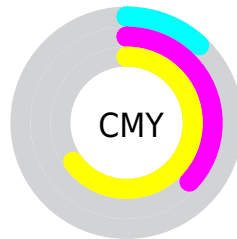
- Red (88%)
- Green (63%)
- Blue (35%)



- Red (81%)
- Yellow (88%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (60%)
- Black (12%)



- Cyan (12%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6290, -40.7361, 45.9294 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 YUV color 171.6290, -40.7361, 45.9294 by changing the saturation by 10% instead.

171.6290,
-40.7361, 45.9294

171.6290,
-40.7361, 45.9294

255.0000, 0.0000,
0.0000

144.5470,
-39.7097, 43.3703

219.1110,
-38.5087, 31.4747

117.7640,
-38.8307, 41.4260

238.6250,
-34.8181, 14.3609

91.9270, -39.4040,
38.6520

248.2740,
-25.7711, 5.8987

68.9850, -34.0096,
35.0932

251.4660,
-13.5407, 3.0993

47.6990, -23.5156,
29.2050

254.7720, -0.8736,
0.2000

27.2990, -13.4584,
23.4168

9.5680, -4.7170,

19.6729

■ 0.0000, 0.0000,
0.0000

■ 171.6290,
-40.7361, 45.9294

■ 171.6290,
-40.7361, 45.9294

■ 163.2510,
-47.4517, 53.2769

■ 180.0070,
-34.0205, 38.5819

■ 154.1720,
-54.3148, 61.2392

■ 189.0860,
-27.1574, 30.6196

■ 145.7940,
-61.0304, 68.5867

■ 197.4640,
-20.4418, 23.2721

■ 136.8290,
-67.4567, 76.4490

■ 206.5430,
-13.5787, 15.3098

■ 214.9210, -6.8631,
7.9623

■ 223.8860, -0.4368,
0.1000

■ 232.3780, 6.7156,
-7.3475

■ 239.8610, 7.4635,
-13.9101

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



173.2030, -27.7081, 67.3510



171.6290, -40.7361, 45.9294



168.0890, -41.9489, 14.8309

Triad

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



171.6290, -40.7361, 45.9294



136.5980, 25.8342, -119.7964



178.5470, 30.7893, 17.9373

Complementary

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



171.6290, -40.7361, 45.9294



141.3710, 40.7361, -45.9294

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.



169.4910, 42.1559, -34.6336



171.6290, -40.7361, 45.9294



140.2120, 44.7585, -122.9659

Square

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



171.6290, -40.7361, 45.9294



151.4090, -4.1456, -70.5187



138.2520, 57.5568, -121.2470



178.0820, 12.7776, 55.1791

Rectangle

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



171.6290, -40.7361, 45.9294



164.5850, -34.3054, -10.1600



138.2520, 57.5568, -121.2470



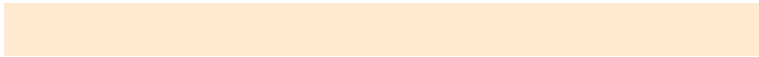
176.5280, 36.2217, 2.1679

Sweetspot

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



171.6290, -40.7361, 45.9294



237.4290, -14.0155, 15.4098



136.5470, 7.6183, 76.6963



116.4760, -8.6157, 10.1065



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



171.6290, -40.7361, 45.9294



183.5420, -55.4832, 62.6687



207.4140, -58.3781, 11.0379



107.8110, -3.3578, 3.6738



107.8020, -53.1464, 59.8096



29.6140, -14.5997, 16.1245

Inverse Universe

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



141.3710, 40.7361, -45.9294



142.4580, 55.4832, -62.6687



105.5860, 58.3781, -11.0379



105.1890, 3.3578, -3.6738



68.1980, 53.1464, -59.8096



18.9730, 14.3103, -16.6393

Previews

White Background



This preview shows how the YUV color 171.6290, -40.7361, 45.9294 looks on a white background.

Color Contrast Check

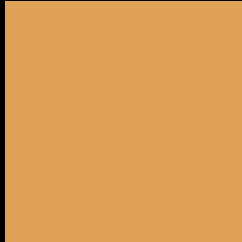
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 171.6290, -40.7361, 45.9294 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](#).

YUV 171.6290, -40.7361, 45.9294 Background



This preview shows how black text looks on a background with the YUV color 171.6290, -40.7361, 45.9294.



This preview shows how white text looks on a background with the YUV color 171.6290, -40.7361,

45.9294.

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

171.6290, -40.7361, 45.9294

Protanopia

169.8490, -37.8866, 18.5494

Deuteranopia

171.4600, -41.1458, 37.3076



Tritanopia

176.6900, -6.2562, 46.7529

Trichromacy



Original Color

171.6290, -40.7361, 45.9294

Protanomaly

170.3880, -38.6453, 28.6007

Deuteranomaly

171.4820, -41.1566, 40.7963

Tritanomaly

174.7750, -18.6231, 46.6783

Monochromacy



Original Color

171.6290, -40.7361, 45.9294

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9130, -14.7471, 16.7393

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6290, -40.7361, 45.9294 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(224, 161, 89)` looks like.

```
.text, #text, p{  
    color:rgb(224, 161, 89)  
}
```

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(224, 161, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 161, 89) }
```

Border

The CSS property to change the border of an element to YUV 171.6290, -40.7361, 45.9294 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(224, 161, 89) }
```


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

```
.border{ border-color:rgb(224, 161, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 161, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 161, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 161, 89);  
box-shadow:4px 4px 4px 4px rgb(224, 161,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 171.6290, -40.7361, 45.9294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 161, 89) }
```

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

```
.background{ background-color: rgb(224,  
161, 89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor