

Converting Colors

YUV(170.7340, -46.7039,
46.7143)

Have a look what the booklet for
YUV(170.7340, -46.7039, 46.7143)
contains.

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Color

**YUV(170.7340, -46.7039,
46.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A24C
RGB	224, 162, 76
RGB Percent	88%, 64%, 30%
CMY	0.1216, 0.3647, 0.7020
CMYK	0.00, 0.28, 0.66, 0.12
HSL	35°, 70%, 59%
HSV	35°, 66%, 88%
XYZ	44.9653, 42.2098, 12.6148
YIQ	170.7340, 64.5580, -13.6020

Conversions

Conversions Part 2

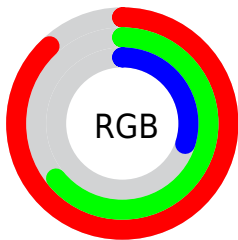
Format	Color
RYB	183, 224, 76
Decimal	14721612
CIELab	71.02, 14.53, 52.53
CIELCh	71, 54.500, 74.536
Yxy	42.2098, 0.4506, 0.4230
Android (android.graphics.Color)	4292911692 (0xFFE0A24C)
YUV	170.7340, -46.7039, 46.7143
Hunter-Lab	64.9690, 9.8447, 33.9662

Details

The YUV color **170.7340, -46.7039, 46.7143** 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 **129.2660, 46.7039, -46.7143**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.2160, -44.4765, 32.2596**, and **116.5270, -46.1088, 42.5108** is the 20% darker color. If you saturate the color by 10%, you get **162.9430, -53.7089, 53.5470**, and if you desaturate by 10%, it is **178.5250, -39.6988, 39.8816**.

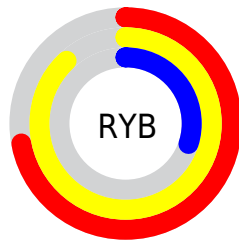
Distribution



Red (88%)

Green (64%)

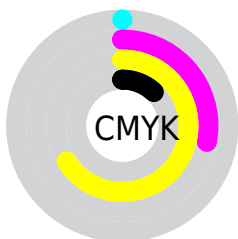
Blue (30%)



Red (72%)

Yellow (88%)

Blue (30%)

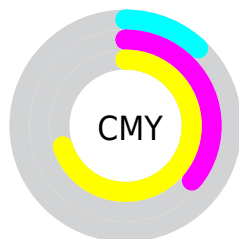


Cyan (0%)

Magenta (28%)

Yellow (66%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7340, -46.7039, 46.7143 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 170.7340, -46.7039, 46.7143 by changing the saturation by 10% instead.

■ 170.7340,
-46.7039, 46.7143

■ 170.7340,
-46.7039, 46.7143

■ 255.0000, 0.0000,
0.0000

■ 143.5380,
-46.1142, 44.2552

■ 218.2160,
-44.4765, 32.2596

■ 116.5270,
-46.1088, 42.5108

■ 237.7300,
-40.7859, 15.1458

■ 91.1460, -44.9350,
39.3370

■ 246.7920,
-31.4495, 7.1984

■ 69.2730, -34.1516,
33.9636

■ 249.9840,
-19.2191, 4.3990

■ 47.9870, -23.6576,
28.0754

■ 253.2900, -6.5520,
1.4997

■ 27.5870, -13.6004,
22.2872

■ 8.9700, -4.4222,

18.4433

■ 0.0000, 0.0000,
0.0000

■ 170.7340,
-46.7039, 46.7143

■ 170.7340,
-46.7039, 46.7143

■ 162.9430,
-53.7089, 53.5470

■ 178.5250,
-39.6988, 39.8816

■ 154.4510,
-60.8613, 60.9945

■ 187.0170,
-32.5464, 32.4341

■ 146.6600,
-67.8664, 67.8272

■ 194.8080,
-25.5413, 25.6014

■ 143.2860,
-70.6400, 70.7862

■ 203.3000,
-18.3889, 18.1539

■ 211.0910,
-11.3839, 11.3212

■ 218.8820, -4.3788,
4.4885

■ 227.3740, 2.7736,
-2.9590

■ 235.1650, 9.7787,
-9.7917

■ 240.4480, 7.1741,
-14.4249

Harmonies

Analogous

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



172.8570, -32.9605, 72.0394



170.7340, -46.7039, 46.7143



166.9160, -46.3006, 10.5977

Triad

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



170.7340, -46.7039, 46.7143



139.2710, 28.4604, -122.1407



178.7590, 32.6568, 25.6444

Complementary

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



170.7340, -46.7039, 46.7143



129.2660, 46.7039, -46.7143

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.



169.2140, 42.2925, -31.7597



170.7340, -46.7039, 46.7143



142.6400, 48.9845, -125.0953

Square

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



170.7340, -46.7039, 46.7143



139.4590, 3.2247, -101.2575



138.2520, 57.5568, -121.2470



177.6210, 12.0188, 65.2304

Rectangle

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



170.7340, -46.7039, 46.7143



162.8570, -36.9045, -16.5376



138.2520, 57.5568, -121.2470



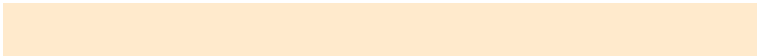
177.7290, 38.0946, 8.1307

Sweetspot

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



170.7340, -46.7039, 46.7143



236.8590, -16.1995, 15.9097



127.5480, 6.1388, 84.5884



116.8350, -9.7787, 9.7917



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.



170.7340, -46.7039, 46.7143



182.7780, -63.4876, 63.3387



204.1380, -63.1720, 8.6490



107.8110, -3.3578, 3.6738



112.4980, -55.4615, 55.6913



30.7880, -15.1785, 15.0949

Inverse Universe

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



129.2660, 46.7039, -46.7143



126.2220, 63.4876, -63.3387



95.8620, 63.1720, -8.6490



105.1890, 3.3578, -3.6738



63.5020, 55.4615, -55.6913



17.2120, 15.1785, -15.0949

Previews

White Background



This preview shows how the YUV color 170.7340, -46.7039, 46.7143 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 170.7340, -46.7039, 46.7143 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 170.7340, -46.7039, 46.7143

Background



This preview shows how black text looks on a background with the YUV color 170.7340, -46.7039, 46.7143.



This preview shows how white text looks on a background with the YUV color 170.7340, -46.7039, 46.7143.

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

170.7340, -46.7039, 46.7143

Protanopia

168.9650, -43.8597, 21.0787

Deuteranopia

170.5760, -47.1190, 39.8368



Tritanopia

176.6900, -6.2562, 46.7529

Trichromacy



Original Color

170.7340, -46.7039, 46.7143

Protanomaly

169.7920, -44.7605, 30.0004

Deuteranomaly

170.8860, -47.2718, 42.1960

Tritanomaly

174.7920, -21.0965, 46.6634

Monochromacy



Original Color

170.7340, -46.7039, 46.7143

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9300, -17.2205, 16.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7340, -46.7039, 46.7143 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, 162, 76)` looks like.

```
.text, #text, p{  
    color:rgb(224, 162, 76)  
}
```

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, 162, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 162, 76) }
```

Border

The CSS property to change the border of an element to YUV 170.7340, -46.7039, 46.7143 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, 162, 76) }
```


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

```
.border{ border-color:rgb(224, 162, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 162, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 162, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 162, 76);  
box-shadow:4px 4px 4px 4px rgb(224, 162,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 170.7340, -46.7039, 46.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 162, 76) }
```

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

```
.background{ background-color: rgb(224,  
162, 76) }
```

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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