

Converting Colors

YUV(174.3770, -72.1639,
46.1504)

Have a look what the booklet for
YUV(174.3770, -72.1639, 46.1504)
contains.

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Color

**YUV(174.3770, -72.1639,
46.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B01C
RGB	227, 176, 28
RGB Percent	89%, 69%, 11%
CMY	0.1098, 0.3098, 0.8902
CMYK	0.00, 0.22, 0.88, 0.11
HSL	45°, 78%, 50%
HSV	45°, 88%, 89%
XYZ	47.4135, 47.4654, 7.7614
YIQ	174.3770, 77.9040, -35.2160

Conversions

Conversions Part 2

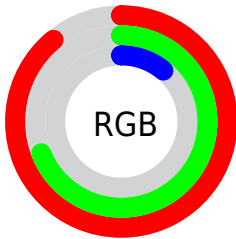
Format	Color
R_{YB}	97, 227, 28
Decimal	14921756
CIE _{Lab}	74.49, 6.52, 73.09
CIE _{LCh}	74, 73.375, 84.905
Yxy	47.4654, 0.4619, 0.4624
Android (android.graphics.Color)	4293111836 (0xFFE3B01C)
YUV	174.3770, -72.1639, 46.1504
Hunter-Lab	68.8951, 2.2768, 41.5473

Details

The YUV color **174.3770, -72.1639, 46.1504** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **80.6230, 72.1639, -46.1504**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2160, -64.6895, 28.7516**, and **122.4220, -60.3540, 38.2179** is the 20% darker color. If you saturate the color by 10%, you get **168.2330, -80.4739, 51.5387**, and if you desaturate by 10%, it is **180.5210, -63.8539, 40.7621**.

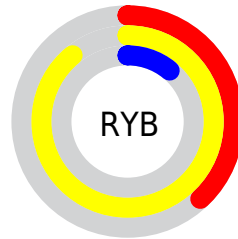
Distribution



Red (89%)

Green (69%)

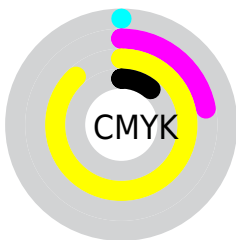
Blue (11%)



Red (38%)

Yellow (89%)

Blue (11%)

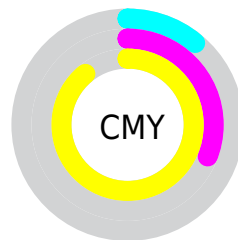


Cyan (0%)

Magenta (22%)

Yellow (88%)

Black (11%)



Cyan (11%)

Magenta (31%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3770, -72.1639, 46.1504 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 174.3770, -72.1639, 46.1504 by changing the saturation by 10% instead.

■ 174.3770,
-72.1639, 46.1504

■ 174.3770,
-72.1639, 46.1504

■ 255.0000, 0.0000,
0.0000

■ 146.9530,
-72.4478, 43.8912

■ 222.2160,
-64.6895, 28.7516

■ 122.4220,
-60.3540, 38.2179

■ 239.4960,
-59.4045, 13.5970

■ 99.0760, -48.8445,
33.2593

■ 242.6880,
-47.1742, 10.7976

■ 76.9040, -37.9137,
27.2712

■ 245.8800,
-34.9438, 7.9982

■ 55.0310, -27.1303,
21.8978

■ 249.1860,
-22.2767, 5.0989

■ 34.9300, -17.2205,
16.7244

■ 252.4920, -9.6096,

■ 15.4270, -7.6055,

2.1995

12.7805

■ 0.0000, 0.0000,
0.0000

■ 174.3770,
-72.1639, 46.1504

■ 174.3770,
-72.1639, 46.1504

■ 168.2330,
-80.4739, 51.5387

■ 180.5210,
-63.8539, 40.7621

■ 167.0760,
-82.3685, 52.5533

■ 186.5510,
-55.9806, 35.4738

■ 192.1080,
-47.3812, 30.6003

■ 198.2520,
-39.0712, 25.2120

■ 204.3960,
-30.7612, 19.8237

■ 210.4260,
-22.8880, 14.5354

■ 216.5700,
-14.5780, 9.1471

■ 222.7140, -6.2680,
3.7588

■ 228.1570, 1.8946,
-1.0147

Harmonies

Analogous

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



171.9160, -49.2586, 72.8647



174.3770, -72.1639, 46.1504



168.6200, -60.9447, -5.8057

Triad

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



174.3770, -72.1639, 46.1504



153.3370, 41.7389, -134.4765



187.1960, 33.4274, 58.5871

Complementary

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



174.3770, -72.1639, 46.1504



80.6230, 72.1639, -46.1504

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.



177.2980, 38.3071, -13.4163



174.3770, -72.1639, 46.1504



151.7530, 50.9008, -133.0874

Square

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



174.3770, -72.1639, 46.1504



144.8840, 11.8892, -127.0633



143.5350, 54.9522, -125.8802



168.6700, 14.4597, 75.7114

Rectangle

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



174.3770, -72.1639, 46.1504



161.5620, -39.7171, -47.8509



143.5350, 54.9522, -125.8802



185.5910, 34.2186, 38.0697

Sweetspot

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



174.3770, -72.1639, 46.1504



237.4970, -23.9090, 15.3501



93.5430, -6.1837, 117.0418



116.9830, -14.2886, 9.6619



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.



174.3770, -72.1639, 46.1504



187.7750, -92.5731, 58.9563



190.5600, -80.1421, -8.3841



111.8710, -4.3734, 2.7441



131.5920, -64.8749, 41.5768



37.5550, -18.5146, 11.7913

Inverse Universe

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



80.6230, 72.1639, -46.1504



67.2250, 92.5731, -58.9563



64.4400, 80.1421, 8.3841



106.1290, 4.3734, -2.7441



47.4080, 64.8749, -41.5768



13.4450, 18.5146, -11.7913

Previews

White Background



This preview shows how the YUV color 174.3770, -72.1639, 46.1504 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 174.3770, -72.1639, 46.1504 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 174.3770, -72.1639, 46.1504 Background



This preview shows how black text looks on a background with the YUV color 174.3770, -72.1639, 46.1504.



This preview shows how white text looks on a background with the YUV color 174.3770, -72.1639, 46.1504.

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

174.3770, -72.1639, 46.1504

Protanopia

173.3210, -70.6573, 29.5365

Deuteranopia

174.9260, -71.4485, 50.0539



Tritanopia

186.8960, -5.3717, 43.0642

Trichromacy



Original Color

174.3770, -72.1639, 46.1504

Protanomaly

173.5390, -71.2577, 35.4843

Deuteranomaly

174.8010, -71.8799, 48.4095

Tritanomaly

182.1910, -29.6742, 44.5595

Monochromacy



Original Color

174.3770, -72.1639, 46.1504

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2260, -26.2404, 16.4648

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3770, -72.1639, 46.1504 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, 176, 28)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 28)  
}
```

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, 176, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 28) }
```

Border

The CSS property to change the border of an element to YUV 174.3770, -72.1639, 46.1504 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, 176, 28) }
```


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

```
.border{ border-color:rgb(227, 176, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 28);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 174.3770, -72.1639, 46.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 28) }
```

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

```
.background{ background-color: rgb(227,  
176, 28) }
```

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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