

Converting Colors

YUV(171.6590, -53.0759,
37.1331)

Have a look what the booklet for
YUV(171.6590, -53.0759, 37.1331)
contains.

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Color

**YUV(171.6590, -53.0759,
37.1331)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AB40
RGB	214, 171, 64
RGB Percent	84%, 67%, 25%
CMY	0.1608, 0.3294, 0.7490
CMYK	0.00, 0.20, 0.70, 0.16
HSL	43°, 65%, 55%
HSV	43°, 70%, 84%
XYZ	43.2199, 43.7921, 11.0253
YIQ	171.6590, 59.9750, -24.1610

Conversions

Conversions Part 2

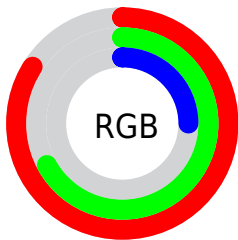
Format	Color
RYB	124, 214, 64
Decimal	14068544
CIELab	72.09, 4.79, 58.66
CIELCh	72, 58.854, 85.327
Yxy	43.7921, 0.4409, 0.4467
Android (android.graphics.Color)	4292258624 (0xFFD6AB40)
YUV	171.6590, -53.0759, 37.1331
Hunter-Lab	66.1756, 0.7726, 36.4448

Details

The YUV color **171.6590, -53.0759, 37.1331** 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 **106.3410, 53.0759, -37.1331**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2450, -51.8858, 28.7261**, and **116.1980, -57.2856, 34.0294** is the 20% darker color. If you saturate the color by 10%, you get **165.7430, -60.5123, 42.3214**, and if you desaturate by 10%, it is **177.5750, -45.6395, 31.9447**.

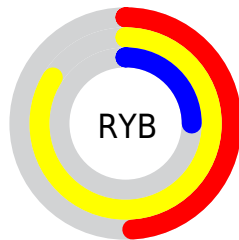
Distribution



Red (84%)

Green (67%)

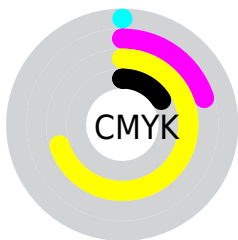
Blue (25%)



Red (49%)

Yellow (84%)

Blue (25%)

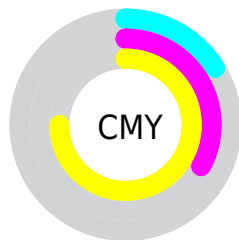


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6590, -53.0759, 37.1331 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 171.6590, -53.0759, 37.1331 by changing the saturation by 10% instead.

■ 171.6590,
-53.0759, 37.1331

■ 171.6590,
-53.0759, 37.1331

■ 255.0000, 0.0000,
0.0000

■ 144.2350,
-53.3599, 34.8739

■ 222.2450,
-51.8858, 28.7261

■ 116.1980,
-57.2856, 34.0294

■ 242.3460,
-48.4846, 11.0976

■ 93.7380, -46.2128,
29.1708

■ 245.5380,
-36.2542, 8.2982

■ 71.2780, -35.1401,
24.3122

■ 248.7300,
-24.0239, 5.4988

■ 50.2910, -24.7935,
19.0388

■ 252.0360,
-11.3567, 2.5994

■ 30.1900, -14.8837,
13.8654

■ 8.6270, -4.2531,

10.8511

■ 0.0000, 0.0000,
0.0000

■ 171.6590,
-53.0759, 37.1331

■ 171.6590,
-53.0759, 37.1331

■ 165.7430,
-60.5123, 42.3214

■ 177.5750,
-45.6395, 31.9447

■ 159.7130,
-68.3855, 47.6097

■ 183.6050,
-37.7663, 26.6564

■ 153.7970,
-75.8219, 52.7980

■ 189.5210,
-30.3299, 21.4681

■ 196.1380,
-22.7460, 15.6650

■ 202.0540,
-15.3096, 10.4766

■ 207.9700, -7.8732,
5.2883

■ 214.0000, 0.0000,
0.0000

■ 219.9160, 7.4364,
-5.1883

■ 225.7180, 14.4360,
-10.2767

Harmonies

Analogous

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



174.7290, -42.2644, 69.5207



171.6590, -53.0759, 37.1331



166.6430, -45.6730, -4.0719

Triad

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



171.6590, -53.0759, 37.1331



144.3550, 37.7860, -126.5993



182.0390, 28.0818, 46.4468

Complementary

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



171.6590, -53.0759, 37.1331



106.3410, 53.0759, -37.1331

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.



175.8470, 39.0224, -9.5128



171.6590, -53.0759, 37.1331



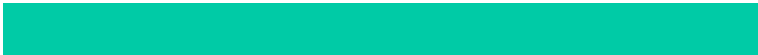
144.7090, 54.3735, -126.9098

Square

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



171.6590, -53.0759, 37.1331



138.0850, 13.7621, -121.1005



137.6650, 57.8462, -120.7322



173.8730, 6.4716, 71.1484

Rectangle

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



171.6590, -53.0759, 37.1331



161.2180, -31.1665, -37.0252



137.6650, 57.8462, -120.7322



181.7640, 35.1193, 29.1480

Sweetspot

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



171.6590, -53.0759, 37.1331



240.0390, -19.2462, 13.1208



113.9800, -2.4551, 87.7175



118.4820, -11.0836, 8.3473



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.



171.6590, -53.0759, 37.1331



194.7970, -75.8219, 52.7980



187.9300, -61.0975, -3.4466



103.9850, -3.9366, 2.6442



122.7430, -60.5123, 42.3214



31.0540, -15.3096, 10.4766

Inverse Universe

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



106.3410, 53.0759, -37.1331



101.2030, 75.8219, -52.7980



90.0700, 61.0975, 3.4466



99.0150, 3.9366, -2.6442



48.2570, 60.5123, -42.3214



11.9460, 15.3096, -10.4766

Previews

White Background



This preview shows how the YUV color 171.6590, -53.0759, 37.1331 looks on a white background.

Color Contrast Check

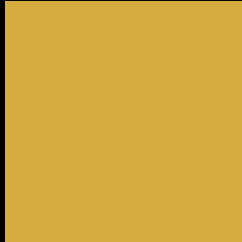
Large Text (above 18pt) WCAG AA × Fail

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 171.6590, -53.0759, 37.1331 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 171.6590, -53.0759, 37.1331 Background



This preview shows how black text looks on a background with the YUV color 171.6590, -53.0759, 37.1331.



This preview shows how white text looks on a background with the YUV color 171.6590, -53.0759, 37.1331.

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

171.6590, -53.0759, 37.1331

Protanopia

170.6250, -51.5801, 24.0079

Deuteranopia

172.1050, -52.8028, 42.8809



Tritanopia

179.9060, -3.8977, 36.9164

Trichromacy



Original Color

171.6590, -53.0759, 37.1331

Protanomaly

171.1310, -52.3226, 28.8261

Deuteranomaly

171.7950, -52.6499, 40.5218

Tritanomaly

176.9110, -21.6481, 36.9121

Monochromacy



Original Color

171.6590, -53.0759, 37.1331

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0390, -19.2462, 13.1208

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6590, -53.0759, 37.1331 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(214, 171, 64)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 64)  
}
```

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(214, 171, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 64) }
```

Border

The CSS property to change the border of an element to YUV 171.6590, -53.0759, 37.1331 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(214, 171, 64) }
```


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

```
.border{ border-color:rgb(214, 171, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 64);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 171.6590, -53.0759, 37.1331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 64) }
```

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

```
.background{ background-color: rgb(214,  
171, 64) }
```

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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