

Converting Colors

YUV(170.7980, -63.9904,
37.8882)

Have a look what the booklet for
YUV(170.7980, -63.9904, 37.8882)
contains.

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Color

**YUV(170.7980, -63.9904,
37.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	D6AE29
RGB	214, 174, 41
RGB Percent	84%, 68%, 16%
CMY	0.1608, 0.3176, 0.8392
CMYK	0.00, 0.19, 0.81, 0.16
HSL	46°, 68%, 50%
HSV	46°, 81%, 84%
XYZ	43.2678, 44.7283, 8.4508
YIQ	170.7980, 66.5330, -32.8830

Conversions

Conversions Part 2

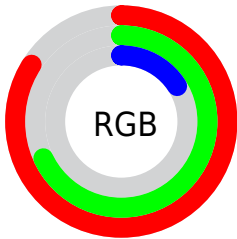
Format	Color
R _{YB}	93, 214, 41
Decimal	14069289
CIE _{Lab}	72.71, 2.25, 67.64
CIE _{LCh}	73, 67.678, 88.095
Yxy	44.7283, 0.4486, 0.4638
Android (android.graphics.Color)	4292259369 (0xFFD6AE29)
YUV	170.7980, -63.9904, 37.8882
Hunter-Lab	66.8792, -1.5573, 39.3237

Details

The YUV color **170.7980, -63.9904, 37.8882** 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 **84.2020, 63.9904, -37.8882**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9540, -60.6163, 28.9813**, and **117.9590, -58.1538, 32.4850** is the 20% darker color. If you saturate the color by 10%, you get **165.4690, -71.7162, 42.5617**, and if you desaturate by 10%, it is **176.1270, -56.2646, 33.2146**.

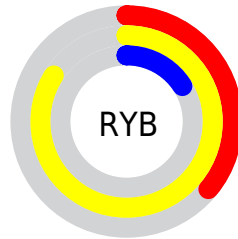
Distribution



Red (84%)

Green (68%)

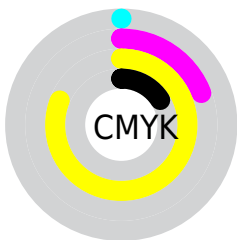
Blue (16%)



Red (36%)

Yellow (84%)

Blue (16%)

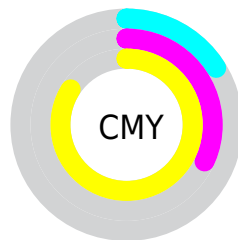


Cyan (0%)

Magenta (19%)

Yellow (81%)

Black (16%)



Cyan (16%)

Magenta (32%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7980, -63.9904, 37.8882 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 170.7980, -63.9904, 37.8882 by changing the saturation by 10% instead.

■ 170.7980,
-63.9904, 37.8882

■ 170.7980,
-63.9904, 37.8882

■ 255.0000, 0.0000,
0.0000

■ 141.8920,
-69.9528, 36.9287

■ 221.9540,
-60.6163, 28.9813

■ 117.9590,
-58.1538, 32.4850

■ 240.2940,
-56.3469, 12.8972

■ 94.6130, -46.6442,
27.5264

■ 243.4860,
-44.1166, 10.0978

■ 72.7400, -35.8608,
22.1530

■ 246.6780,
-31.8863, 7.2984

■ 51.4540, -25.3668,
16.2648

■ 249.9840,
-19.2191, 4.3990

■ 31.6520, -15.6044,
11.7062

■ 253.2900, -6.5520,

■ 10.3770, -5.1159,

1.4997

7.5624

■ 0.0000, 0.0000,
0.0000

■ 170.7980,
-63.9904, 37.8882

■ 170.7980,
-63.9904, 37.8882

■ 165.4690,
-71.7162, 42.5617

■ 176.1270,
-56.2646, 33.2146

■ 160.8410,
-79.2946, 46.6204

■ 181.5700,
-48.1020, 28.4411

■ 186.8990,
-40.3762, 23.7676

■ 192.3420,
-32.2136, 18.9941

■ 197.6710,
-24.4878, 14.3205

■ 203.0000,
-16.7620, 9.6470

■ 208.4430, -8.5994,
4.8735

■ 213.7720, -0.8736,
0.2000

■ 219.2150, 7.2890,
-4.5736

Harmonies

Analogous

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



172.5030, -49.5480, 72.3499



170.7980, -63.9904, 37.8882



165.1770, -52.3453, -10.6792

Triad

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



170.7980, -63.9904, 37.8882



148.2990, 42.7436, -130.0582



183.0990, 30.5172, 58.6722

Complementary

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



170.7980, -63.9904, 37.8882



84.2020, 63.9904, -37.8882

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.



176.7660, 38.5694, -4.1798



170.7980, -63.9904, 37.8882



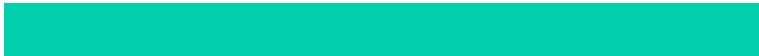
147.0570, 53.2159, -128.9690

Square

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



170.7980, -63.9904, 37.8882



141.7040, 14.9359, -124.2744



138.8390, 57.2674, -121.7618



167.7750, 8.4919, 76.4963

Rectangle

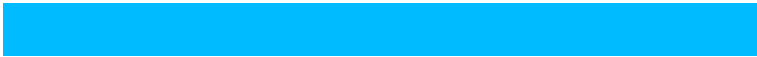
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.7980, -63.9904, 37.8882



157.9730, -33.0177, -49.9653



138.8390, 57.2674, -121.7618



183.2430, 35.3762, 40.1289

Sweetspot

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



170.7980, -63.9904, 37.8882



239.8280, -22.5932, 13.3058



97.2870, -8.0295, 102.3573



118.4990, -13.5570, 8.3324



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.



170.7980, -63.9904, 37.8882



193.3830, -91.3938, 54.0381



180.5240, -68.7853, -10.9835



104.5720, -4.2260, 2.1294



128.0260, -63.1168, 37.6882



32.2280, -15.8884, 9.4470

Inverse Universe

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



84.2020, 63.9904, -37.8882



69.6170, 91.3938, -54.0381



74.4760, 68.7853, 10.9835



99.0150, 3.9366, -2.6442



42.9740, 63.1168, -37.6882



10.7720, 15.8884, -9.4470

Previews

White Background



This preview shows how the YUV color 170.7980, -63.9904, 37.8882 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 170.7980, -63.9904, 37.8882 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 170.7980, -63.9904, 37.8882

Background



This preview shows how black text looks on a background with the YUV color 170.7980, -63.9904, 37.8882.



This preview shows how white text looks on a background with the YUV color 170.7980, -63.9904,

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

170.7980, -63.9904, 37.8882

Protanopia

169.9600, -63.0843, 27.2221

Deuteranopia

171.3800, -63.2913, 47.0247



Tritanopia

181.7210, -3.3135, 36.2017

Trichromacy



Original Color

170.7980, -63.9904, 37.8882

Protanomaly

170.2810, -63.2425, 31.3256

Deuteranomaly

171.2440, -63.7173, 43.6360

Tritanomaly

177.5860, -25.4319, 37.1971

Monochromacy



Original Color

170.7980, -63.9904, 37.8882

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0130, -23.1774, 14.0206

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7980, -63.9904, 37.8882 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, 174, 41)` looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 41)  
}
```

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, 174, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 41) }
```

Border

The CSS property to change the border of an element to YUV 170.7980, -63.9904, 37.8882 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, 174, 41) }
```


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

```
.border{ border-color:rgb(214, 174, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 174, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 41);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 170.7980, -63.9904, 37.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 41) }
```

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

```
.background{ background-color: rgb(214,  
174, 41) }
```

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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