

Converting Colors

YUV(170.8500, -56.1280,
36.0886)

Have a look what the booklet for
YUV(170.8500, -56.1280, 36.0886)
contains.

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Color

**YUV(170.8500, -56.1280,
36.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AC39
RGB	212, 172, 57
RGB Percent	83%, 67%, 22%
CMY	0.1686, 0.3255, 0.7765
CMYK	0.00, 0.19, 0.73, 0.17
HSL	45°, 64%, 53%
HSV	45°, 73%, 83%
XYZ	42.6424, 43.7975, 10.0772
YIQ	170.8500, 60.7550, -27.2850

Conversions

Conversions Part 2

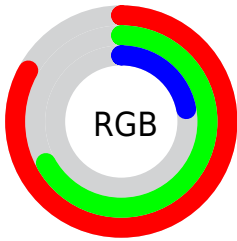
Format	Color
RYB	111, 212, 57
Decimal	13937721
CIELab	72.09, 3.06, 61.42
CIELCh	72, 61.494, 87.149
Yxy	43.7975, 0.4418, 0.4538
Android (android.graphics.Color)	4292127801 (0xFFD4AC39)
YUV	170.8500, -56.1280, 36.0886
Hunter-Lab	66.1797, -0.7992, 37.2977

Details

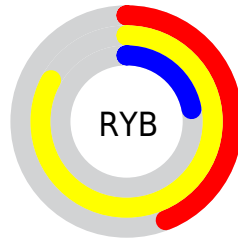
The YUV color **170.8500, -56.1280, 36.0886** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **98.1500, 56.1280, -36.0886**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1480, -54.7960, 28.8112**, and **116.1870, -57.2802, 32.2850** is the 20% darker color. If you saturate the color by 10%, you get **165.5210, -63.8539, 40.7621**, and if you desaturate by 10%, it is **176.1790, -48.4022, 31.4150**.

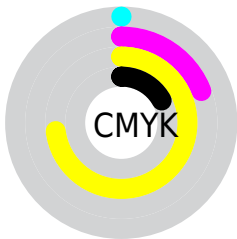
Distribution



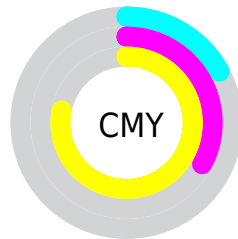
- Red (83%)
- Green (67%)
- Blue (22%)



- Red (44%)
- Yellow (83%)
- Blue (22%)



- Cyan (0%)
- Magenta (19%)
- Yellow (73%)
- Black (17%)



- Cyan (17%)
- Magenta (33%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8500, -56.1280, 36.0886 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 170.8500, -56.1280, 36.0886 by changing the saturation by 10% instead.

■ 170.8500,
-56.1280, 36.0886

■ 170.8500,
-56.1280, 36.0886

■ 255.0000, 0.0000,
0.0000

■ 143.1980,
-57.2856, 34.0294

■ 222.1480,
-54.7960, 28.8112

■ 116.1870,
-57.2802, 32.2850

■ 241.6620,
-51.1054, 11.6974

■ 93.7270, -46.2074,
27.4264

■ 244.8540,
-38.8750, 8.8980

■ 71.2670, -35.1346,
22.5678

■ 248.0460,
-26.6447, 6.0987

■ 50.2800, -24.7880,
17.2944

■ 251.3520,
-13.9775, 3.1993

■ 30.1790, -14.8782,
12.1210

■ 254.6580, -1.3104,

■ 8.3170, -4.1003,

0.2999

8.4920

■ 0.0000, 0.0000,
0.0000

■ 170.8500,
-56.1280, 36.0886

■ 170.8500,
-56.1280, 36.0886

■ 165.5210,
-63.8539, 40.7621

■ 176.1790,
-48.4022, 31.4150

■ 159.6050,
-71.2903, 45.9504

■ 182.0950,
-40.9658, 26.2267

■ 155.5470,
-76.6847, 49.5093

■ 187.5380,
-32.8032, 21.4532

■ 193.4540,
-25.3668, 16.2648

■ 198.7830,
-17.6410, 11.5913

■ 204.6990,
-10.2046, 6.4030

■ 210.0280, -2.4788,
1.7294

■ 216.0580, 5.3944,
-3.5589

■ 221.3870, 13.1202,
-8.2324

Harmonies

Analogous

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



173.9310, -45.3220, 70.2205



170.8500, -56.1280, 36.0886



165.8660, -47.2619, -7.7755

Triad

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



170.8500, -56.1280, 36.0886



145.5120, 39.6806, -127.6140



181.7730, 28.2129, 51.0651

Complementary

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



170.8500, -56.1280, 36.0886



98.1500, 56.1280, -36.0886

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.



175.8690, 39.0116, -6.0241



170.8500, -56.1280, 36.0886



145.2960, 54.0841, -127.4246

Square

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



170.8500, -56.1280, 36.0886



139.0140, 14.7831, -121.9153



137.6650, 57.8462, -120.7322



171.1830, 6.3188, 73.5075

Rectangle

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



170.8500, -56.1280, 36.0886



159.2990, -30.7134, -42.3582



137.6650, 57.8462, -120.7322



181.9110, 35.5399, 34.2811

Sweetspot

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



170.8500, -56.1280, 36.0886



240.3980, -20.4092, 12.8060



108.0190, -4.9394, 91.1913



118.8410, -12.2466, 8.0324



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.



170.8500, -56.1280, 36.0886



195.4180, -81.0581, 52.2534



183.5660, -62.3970, -6.6354



103.9850, -3.9366, 2.6442



125.6780, -61.9593, 39.7474



31.6410, -15.5990, 9.9618

Inverse Universe

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



98.1500, 56.1280, -36.0886



90.5820, 81.0581, -52.2534



85.4340, 62.3970, 6.6354



99.0150, 3.9366, -2.6442



45.3220, 61.9593, -39.7474



11.3590, 15.5990, -9.9618

Previews

White Background



This preview shows how the YUV color 170.8500, -56.1280, 36.0886 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 170.8500, -56.1280, 36.0886 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 170.8500, -56.1280, 36.0886

Background



This preview shows how black text looks on a background with the YUV color 170.8500, -56.1280, 36.0886.



This preview shows how white text looks on a background with the YUV color 170.8500, -56.1280, 36.0886.

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

170.8500, -56.1280, 36.0886

Protanopia

169.7130, -55.0745, 24.8077

Deuteranopia

171.3070, -55.8604, 43.5808



Tritanopia

180.0090, -3.4554, 35.0721

Trichromacy



Original Color

170.8500, -56.1280, 36.0886

Protanomaly

170.0340, -55.2328, 28.9112

Deuteranomaly

170.9970, -55.7075, 41.2216

Tritanomaly

176.6720, -22.5163, 35.3677

Monochromacy



Original Color

170.8500, -56.1280, 36.0886

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8110, -20.1198, 13.3208

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8500, -56.1280, 36.0886 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(212, 172, 57)` looks like.

```
.text, #text, p{  
    color:rgb(212, 172, 57)  
}
```

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(212, 172, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 172, 57) }
```

Border

The CSS property to change the border of an element to YUV 170.8500, -56.1280, 36.0886 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(212, 172, 57) }
```


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

```
.border{ border-color:rgb(212, 172, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 172, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 172, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 172, 57);  
box-shadow:4px 4px 4px 4px rgb(212, 172,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 170.8500, -56.1280, 36.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 172, 57) }
```

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

```
.background{ background-color: rgb(212,  
172, 57) }
```

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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