

Converting Colors

YUV(176.3620, -42.5765,
29.5005)

Have a look what the booklet for
YUV(176.3620, -42.5765, 29.5005)
contains.

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Color

**YUV(176.3620, -42.5765,
29.5005)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B05A
RGB	210, 176, 90
RGB Percent	82%, 69%, 35%
CMY	0.1765, 0.3098, 0.6471
CMYK	0.00, 0.16, 0.57, 0.18
HSL	43°, 57%, 59%
HSV	43°, 57%, 82%
XYZ	43.9491, 45.4905, 16.1370
YIQ	176.3620, 47.8700, -19.5380

Conversions

Conversions Part 2

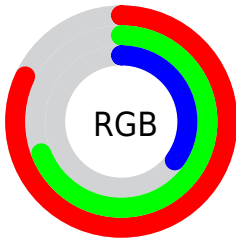
Format	Color
RYB	137, 210, 90
Decimal	13807706
CIELab	73.21, 2.10, 47.98
CIELCh	73, 48.022, 87.495
Yxy	45.4905, 0.4163, 0.4309
Android (android.graphics.Color)	4291997786 (0xFFD2B05A)
YUV	176.3620, -42.5765, 29.5005
Hunter-Lab	67.4466, -1.7186, 33.0271

Details

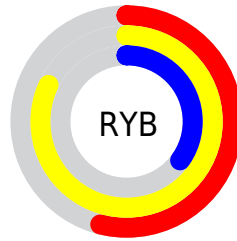
The YUV color **176.3620, -42.5765, 29.5005** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **123.6380, 42.5765, -29.5005**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0300, -42.4128, 23.6527**, and **122.9810, -41.4026, 26.3267** is the 20% darker color. If you saturate the color by 10%, you get **170.4460, -50.0129, 34.6889**, and if you desaturate by 10%, it is **182.2780, -35.1401, 24.3122**.

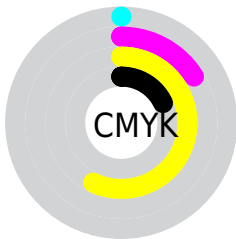
Distribution



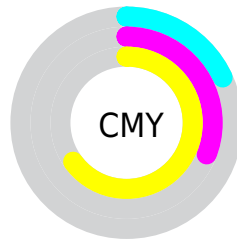
- Red (82%)
- Green (69%)
- Blue (35%)



- Red (54%)
- Yellow (82%)
- Blue (35%)



- Cyan (0%)
- Magenta (16%)
- Yellow (57%)
- Black (18%)



- Cyan (18%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3620, -42.5765, 29.5005 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 176.3620, -42.5765, 29.5005 by changing the saturation by 10% instead.

■ 176.3620,
-42.5765, 29.5005

■ 176.3620,
-42.5765, 29.5005

255.0000, 0.0000,
0.0000

■ 148.9920,
-41.4081, 28.0710

■ 228.0300,
-42.4128, 23.6527

■ 122.9810,
-41.4026, 26.3267

■ 245.3100,
-37.1278, 8.4981

■ 96.5140, -43.1444,
24.9822

■ 248.3880,
-25.3343, 5.7987

■ 73.3270, -36.1502,
21.6382

■ 251.6940,
-12.6671, 2.8994

■ 52.6390, -25.9510,
16.9796

■ 32.5380, -16.0412,
11.8062

■ 11.8500, -5.8420,

7.1476

■ 0.0000, 0.0000,
0.0000

■ 176.3620,
-42.5765, 29.5005

■ 176.3620,
-42.5765, 29.5005

■ 170.4460,
-50.0129, 34.6889

■ 182.2780,
-35.1401, 24.3122

■ 164.5300,
-57.4493, 39.8772

■ 188.1940,
-27.7036, 19.1239

■ 158.6140,
-64.8857, 45.0655

■ 194.1100,
-20.2672, 13.9355

■ 152.6980,
-72.3221, 50.2539

■ 200.0260,
-12.8308, 8.7472

■ 151.4270,
-74.6535, 51.3685

■ 205.9420, -5.3944,
3.5589

■ 211.8580, 2.0420,
-1.6295

■ 217.7740, 9.4784,
-6.8178

■ 223.3480, 15.6044,
-11.7062

■ 226.8700, 13.8681,
-14.7950

Harmonies

Analogous

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



179.0740, -35.5325, 56.9401



176.3620, -42.5765, 29.5005



171.8630, -35.9215, -5.1419

Triad

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



176.3620, -42.5765, 29.5005



143.5400, 37.2018, -125.8846



184.8720, 21.2621, 40.4543

Complementary

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



176.3620, -42.5765, 29.5005



123.6380, 42.5765, -29.5005

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.



182.0820, 35.9486, -3.5799



176.3620, -42.5765, 29.5005



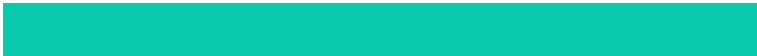
143.8940, 53.7893, -126.1950

Square

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



176.3620, -42.5765, 29.5005



141.4000, 16.0718, -115.2378



166.9670, 43.4003, -60.4841



181.8630, 1.5465, 64.1411

Rectangle

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



176.3620, -42.5765, 29.5005



167.6730, -24.4888, -32.1622



166.9670, 43.4003, -60.4841



184.6900, 27.2678, 27.4589

Sweetspot

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



176.3620, -42.5765, 29.5005



243.0540, -15.3096, 10.4766



129.7560, -2.8377, 70.3740



120.3400, -9.0416, 6.7178



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.



176.3620, -42.5765, 29.5005



205.5860, -62.4069, 43.3361



188.5460, -48.5832, -3.9868



101.9850, -3.9366, 2.6442



121.2590, -59.7807, 40.9919



29.2820, -14.4360, 10.2767

Inverse Universe

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



123.6380, 42.5765, -29.5005



128.4140, 62.4069, -43.3361



111.4540, 48.5832, 3.9868



97.0150, 3.9366, -2.6442



47.3280, 59.4913, -41.5067



11.7180, 14.4360, -10.2767

Previews

White Background



This preview shows how the YUV color 176.3620, -42.5765, 29.5005 looks on a white background.

Color Contrast Check

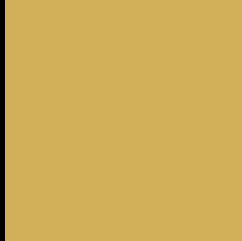
Large Text (above 18pt) WCAG AA × Fail

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 176.3620, -42.5765, 29.5005 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 176.3620, -42.5765, 29.5005

Background



This preview shows how black text looks on a background with the YUV color 176.3620, -42.5765, 29.5005.



This preview shows how white text looks on a background with the YUV color 176.3620, -42.5765, 29.5005.

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

176.3620, -42.5765, 29.5005

Protanopia

175.5350, -41.6758, 20.5788

Deuteranopia

176.8300, -42.3142, 38.7371



Tritanopia

183.0300, -1.9868, 30.6687

Trichromacy



Original Color

176.3620, -42.5765, 29.5005

Protanomaly

176.1440, -41.9760, 23.5527

Deuteranomaly

176.8080, -42.3033, 35.2484

Tritanomaly

180.8330, -16.6797, 29.9645

Monochromacy



Original Color

176.3620, -42.5765, 29.5005

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0540, -15.3096, 10.4766

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3620, -42.5765, 29.5005 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(210, 176, 90)` looks like.

```
.text, #text, p{  
    color:rgb(210, 176, 90)  
}
```

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(210, 176, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 176, 90) }
```

Border

The CSS property to change the border of an element to YUV 176.3620, -42.5765, 29.5005 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(210, 176, 90) }
```


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

```
.border{ border-color:rgb(210, 176, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 176, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 176, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 176, 90);  
box-shadow:4px 4px 4px 4px rgb(210, 176,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 176.3620, -42.5765, 29.5005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 176, 90) }
```

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

```
.background{ background-color: rgb(210,  
176, 90) }
```

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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