

Converting Colors

YUV(166.2850, -42.5385,
17.2901)

Have a look what the booklet for
YUV(166.2850, -42.5385, 17.2901)
contains.

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Color

**YUV(166.2850, -42.5385,
17.2901)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAD50
RGB	186, 173, 80
RGB Percent	73%, 68%, 31%
CMY	0.2706, 0.3216, 0.6863
CMYK	0.00, 0.07, 0.57, 0.27
HSL	53°, 43%, 52%
HSV	53°, 57%, 73%
XYZ	36.6412, 40.9054, 13.5538
YIQ	166.2850, 37.6010, -26.1670

Conversions

Conversions Part 2

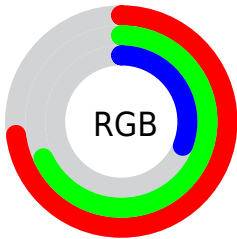
Format	Color
RYB	95, 186, 80
Decimal	12234064
CIELab	70.11, -7.26, 48.60
CIELCh	70, 49.143, 98.499
Yxy	40.9054, 0.4022, 0.4490
Android (android.graphics.Color)	4290424144 (0xFFBAAD50)
YUV	166.2850, -42.5385, 17.2901
Hunter-Lab	63.9574, -9.6625, 32.2055

Details

The YUV color **166.2850, -42.5385, 17.2901** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **99.7150, 42.5385, -17.2901**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8400, -44.2911, 19.4343**, and **113.0890, -41.9489, 14.8309** is the 20% darker color. If you saturate the color by 10%, you get **162.9450, -50.2589, 20.2192**, and if you desaturate by 10%, it is **169.6250, -34.8181, 14.3609**.

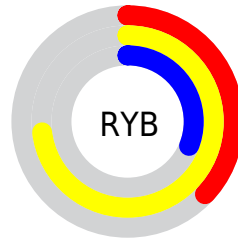
Distribution



Red (73%)

Green (68%)

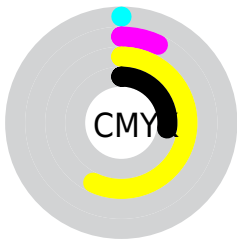
Blue (31%)



Red (37%)

Yellow (73%)

Blue (31%)

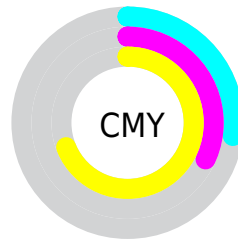


Cyan (0%)

Magenta (7%)

Yellow (57%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2850, -42.5385, 17.2901 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 166.2850, -42.5385, 17.2901 by changing the saturation by 10% instead.

■ 166.2850,
-42.5385, 17.2901

■ 166.2850,
-42.5385, 17.2901

■ 255.0000, 0.0000,
0.0000

■ 139.6870,
-42.2437, 16.0605

■ 221.8400,
-44.2911, 19.4343

■ 113.0890,
-41.9489, 14.8309

■ 244.0560,
-41.9326, 9.5979

■ 87.1490, -42.9645,
13.9013

■ 247.2480,
-29.7023, 6.7985

■ 66.1730, -32.6233,
10.3723

■ 250.4400,
-17.4719, 3.9991

■ 45.4850, -22.4241,
5.7137

■ 253.7460, -4.8048,
1.0998

■ 25.6830, -12.6617,
1.1550

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 166.2850,
-42.5385, 17.2901

■ 166.2850,
-42.5385, 17.2901

■ 162.9450,
-50.2589, 20.2192

■ 169.6250,
-34.8181, 14.3609

■ 159.1320,
-57.2531, 23.5632

■ 173.4380,
-27.8239, 11.0169

■ 155.7920,
-64.9735, 26.4924

■ 176.7780,
-20.1036, 8.0877

■ 152.5660,
-72.2570, 29.3216

■ 180.0040,
-12.8200, 5.2585

■ 151.2950,
-74.5884, 30.4363

■ 183.3440, -5.0996,
2.3293

■ 187.2710, 2.3314,
-1.1147

■ 190.4970, 9.6150,
-3.9439

■ 193.8370, 17.3354,
-6.8730

■ 197.6500, 24.3296,
-10.2170

Harmonies

Analogous

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



169.4660, -40.1627, 48.7033



166.2850, -42.5385, 17.2901



161.1430, -30.6365, -20.2964

Triad

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



166.2850, -42.5385, 17.2901



138.4680, 43.1533, -121.4364



175.8260, 14.3828, 53.6496

Complementary

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



166.2850, -42.5385, 17.2901



99.7150, 42.5385, -17.2901

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.



175.8670, 32.1106, 14.1486



166.2850, -42.5385, 17.2901



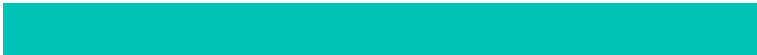
137.5510, 57.4094, -120.6322

Square

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



166.2850, -42.5385, 17.2901



134.7400, 23.7922, -118.1670



165.9140, 43.9194, -40.2666



173.1430, -6.4795, 71.7886

Rectangle

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



166.2850, -42.5385, 17.2901



155.1530, -15.8514, -49.2462



165.9140, 43.9194, -40.2666



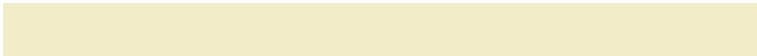
176.7690, 20.8199, 42.2986

Sweetspot

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



166.2850, -42.5385, 17.2901



234.3910, -16.4618, 6.6731



113.2900, -9.5100, 63.7667



117.5030, -9.6150, 3.9439



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.2850, -42.5385, 17.2901



211.5640, -65.8471, 26.6924



162.2550, -40.5517, -13.3786



90.3870, -3.6418, 1.4146



126.4760, -62.3527, 25.8925



23.0470, -11.3622, 4.3438

Inverse Universe

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



99.7150, 42.5385, -17.2901



108.4360, 65.8471, -26.6924



103.7450, 40.5517, 13.3786



84.6130, 3.6418, -1.4146



28.9370, 62.6421, -25.3777



4.9530, 11.3622, -4.3438

Previews

White Background



This preview shows how the YUV color 166.2850, -42.5385, 17.2901 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 166.2850, -42.5385, 17.2901 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 166.2850, -42.5385, 17.2901 Background



This preview shows how black text looks on a background with the YUV color 166.2850, -42.5385, 17.2901.



This preview shows how white text looks on a background with the YUV color 166.2850, -42.5385, 17.2901.

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

166.2850, -42.5385, 17.2901

Protanopia

166.8940, -42.8387, 20.2640

Deuteranopia

168.2320, -42.0194, 37.5075



Tritanopia

173.9360, 0.5246, 18.4731

Trichromacy



Original Color

166.2850, -42.5385, 17.2901

Protanomaly

166.5950, -42.6913, 19.6492

Deuteranomaly

167.7750, -42.2871, 30.0153

Tritanomaly

171.3970, -15.4787, 18.0688

Monochromacy



Original Color

166.2850, -42.5385, 17.2901

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3200, -15.4408, 5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2850, -42.5385, 17.2901 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(186, 173, 80)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 80)  
}
```

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(186, 173, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 80) }
```

Border

The CSS property to change the border of an element to YUV 166.2850, -42.5385, 17.2901 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(186, 173, 80) }
```


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

```
.border{ border-color:rgb(186, 173, 80) }
```

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

Here you see how a box with a 4 pixel rgb(186, 173, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 80);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 166.2850, -42.5385, 17.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 80) }
```

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

```
.background{ background-color: rgb(186,  
173, 80) }
```

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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