

Converting Colors

YUV(163.1380, -42.9590,
12.1570)

Have a look what the booklet for
YUV(163.1380, -42.9590, 12.1570)
contains.

YUV(163.1380, -42.9590, 12.1570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(163.1380, -42.9590,
12.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AD4C
RGB	177, 173, 76
RGB Percent	69%, 68%, 30%
CMY	0.3059, 0.3216, 0.7020
CMYK	0.00, 0.02, 0.57, 0.31
HSL	58°, 40%, 50%
HSV	58°, 57%, 69%
XYZ	34.3795, 39.7561, 12.6992
YIQ	163.1380, 33.5210, -29.3190

Conversions

Conversions Part 2

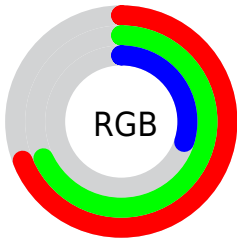
Format	Color
RYB	80, 177, 76
Decimal	11644236
CIELab	69.30, -11.40, 49.34
CIELCh	69, 50.644, 103.010
Yxy	39.7561, 0.3959, 0.4578
Android (android.graphics.Color)	4289834316 (0xFFB1AD4C)
YUV	163.1380, -42.9590, 12.1570
Hunter-Lab	63.0524, -13.0140, 32.1953

Details

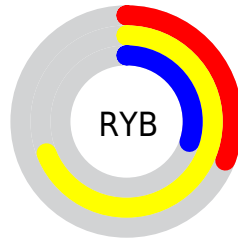
The YUV color **163.1380, -42.9590, 12.1570** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **89.8620, 42.9590, -12.1570**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6930, -44.7116, 14.3012**, and **110.1270, -42.9536, 10.4126** is the 20% darker color. If you saturate the color by 10%, you get **160.4990, -50.5320, 14.4714**, and if you desaturate by 10%, it is **165.7770, -35.3861, 9.8426**.

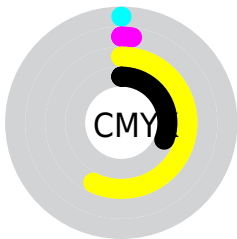
Distribution



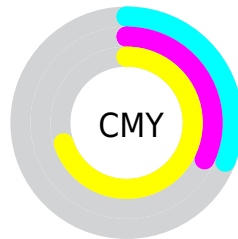
- Red (69%)
- Green (68%)
- Blue (30%)



- Red (31%)
- Yellow (69%)
- Blue (30%)



- Cyan (0%)
- Magenta (2%)
- Yellow (57%)
- Black (31%)



- Cyan (31%)
- Magenta (32%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1380, -42.9590, 12.1570 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 163.1380, -42.9590, 12.1570 by changing the saturation by 10% instead.

■ 163.1380,
-42.9590, 12.1570

■ 163.1380,
-42.9590, 12.1570

■ 255.0000, 0.0000,
0.0000

■ 136.5400,
-42.6642, 10.9274

■ 218.6930,
-44.7116, 14.3012

■ 110.1270,
-42.9536, 10.4126

■ 243.6000,
-43.6798, 9.9978

■ 84.7570, -41.7852,
8.9831

■ 246.7920,
-31.4495, 7.1984

■ 63.7810, -31.4440,
5.4541

■ 249.9840,
-19.2191, 4.3990

■ 42.5060, -20.9555,
1.3102

■ 253.2900, -6.5520,
1.4997

■ 23.2910, -11.4825,
-3.7632

■ 0.0000, 0.0000,

0.0000

■ 163.1380,
-42.9590, 12.1570

■ 163.1380,
-42.9590, 12.1570

■ 160.4990,
-50.5320, 14.4714

■ 165.7770,
-35.3861, 9.8426

■ 158.5610,
-57.9576, 16.1710

■ 167.7150,
-27.9605, 8.1429

■ 155.9220,
-65.5305, 18.4854

■ 170.3540,
-20.3875, 5.8285

■ 153.2830,
-73.1035, 20.7998

■ 172.9930,
-12.8145, 3.5141

■ 152.7130,
-75.2875, 21.2997

■ 175.6320, -5.2416,
1.1997

■ 177.5700, 2.1840,
-0.4999

■ 180.2090, 9.7570,
-2.8143

■ 182.8480, 17.3299,
-5.1287

■ 184.7860, 24.7555,
-6.8283

Harmonies

Analogous

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



166.4610, -42.6253, 45.1997



163.1380, -42.9590, 12.1570



157.0820, -28.1414, -27.2589

Triad

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



163.1380, -42.9590, 12.1570



137.8640, 45.9160, -120.9067



173.1750, 11.7457, 59.4825

Complementary

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



163.1380, -42.9590, 12.1570



89.8620, 42.9590, -12.1570

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.



173.9820, 31.0679, 21.9408



163.1380, -42.9590, 12.1570



135.3170, 59.0037, -118.6730

Square

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



163.1380, -42.9590, 12.1570



134.7230, 26.2656, -118.1521



165.3710, 44.1871, -32.7744



170.3560, -9.5425, 74.2328

Rectangle

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



163.1380, -42.9590, 12.1570



150.1240, -11.8931, -58.8677



165.3710, 44.1871, -32.7744



173.9440, 18.7616, 49.1611

Sweetspot

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



163.1380, -42.9590, 12.1570



224.2660, -16.8931, 5.0287



106.7690, -12.7041, 61.5926



111.7910, -9.7570, 2.8143



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



163.1380, -42.9590, 12.1570



207.9930, -66.5515, 19.3001



152.0310, -37.4833, -17.5672



87.9740, -3.9312, 0.8998



132.0360, -65.0937, 18.3854



21.8620, -10.7780, 3.6290

Inverse Universe

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



89.8620, 42.9590, -12.1570



95.0070, 66.5515, -19.3001



100.9690, 37.4833, 17.5672



81.6130, 3.6418, -1.4146



20.9640, 65.0937, -18.3854



3.5510, 11.0674, -3.1142

Previews

White Background



This preview shows how the YUV color 163.1380, -42.9590, 12.1570 looks on a white background.

Color Contrast Check

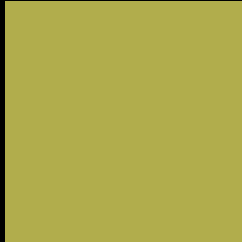
Large Text (above 18pt) WCAG AA × Fail

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 163.1380, -42.9590, 12.1570 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 163.1380, -42.9590, 12.1570

Background



This preview shows how black text looks on a background with the YUV color 163.1380, -42.9590, 12.1570.



This preview shows how white text looks on a background with the YUV color 163.1380, -42.9590, 12.1570.

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

163.1380, -42.9590, 12.1570

Protanopia

163.9650, -43.8597, 21.0787

Deuteranopia

166.0040, -42.8930, 37.7075



Tritanopia

171.5440, 1.7038, 13.5549

Trichromacy



Original Color

163.1380, -42.9590, 12.1570

Protanomaly

163.3560, -43.5595, 18.1048

Deuteranomaly

164.6500, -42.7184, 28.3710

Tritanomaly

168.5920, -14.5889, 12.6358

Monochromacy



Original Color

163.1380, -42.9590, 12.1570

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1950, -15.8721, 4.2140

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1380, -42.9590, 12.1570 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(177, 173, 76)` looks like.

```
.text, #text, p{  
    color:rgb(177, 173, 76)  
}
```

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(177, 173, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 173, 76) }
```

Border

The CSS property to change the border of an element to YUV 163.1380, -42.9590, 12.1570 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(177, 173, 76) }
```


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

```
.border{ border-color:rgb(177, 173, 76) }
```

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

Here you see how a box with a 4 pixel rgb(177, 173, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 173, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 173, 76);  
box-shadow:4px 4px 4px 4px rgb(177, 173,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 163.1380, -42.9590, 12.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 173, 76) }
```

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

```
.background{ background-color: rgb(177,  
173, 76) }
```

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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