

Converting Colors

YUV(171.0870, -62.1609,
57.8057)

Have a look what the booklet for
YUV(171.0870, -62.1609, 57.8057)
contains.

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Color

**YUV(171.0870, -62.1609,
57.8057)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA22D
RGB	237, 162, 45
RGB Percent	93%, 64%, 18%
CMY	0.0706, 0.3647, 0.8235
CMYK	0.00, 0.32, 0.81, 0.07
HSL	37°, 84%, 55%
HSV	37°, 81%, 93%
XYZ	48.3190, 44.0346, 8.4355
YIQ	171.0870, 82.2570, -20.4870

Conversions

Conversions Part 2

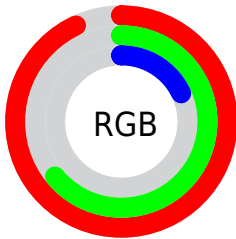
Format	Color
R _Y B	168, 237, 45
Decimal	15573549
CIE Lab	72.25, 18.66, 66.90
CIE LCh	72, 69.451, 74.417
Yxy	44.0346, 0.4794, 0.4369
Android (android.graphics.Color)	4293763629 (0xFFEDA22D)
YUV	171.0870, -62.1609, 57.8057
Hunter-Lab	66.3586, 13.8473, 38.9141

Details

The YUV color **171.0870, -62.1609, 57.8057** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **110.9130, 62.1609, -57.8057**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1380, -56.2700, 34.9590**, and **117.1940, -57.7766, 51.5729** is the 20% darker color. If you saturate the color by 10%, you get **163.0680, -70.0395, 64.8384**, and if you desaturate by 10%, it is **179.1060, -54.2823, 50.7730**.

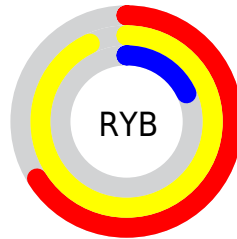
Distribution



Red (93%)

Green (64%)

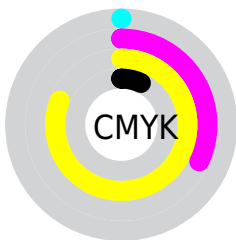
Blue (18%)



Red (66%)

Yellow (93%)

Blue (18%)

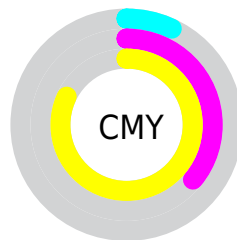


Cyan (0%)

Magenta (32%)

Yellow (81%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0870, -62.1609, 57.8057 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 171.0870, -62.1609, 57.8057 by changing the saturation by 10% instead.

171.0870,
-62.1609, 57.8057

171.0870,
-62.1609, 57.8057

255.0000, 0.0000,
0.0000

142.1100,
-67.1022, 56.0315

215.1380,
-56.2700, 34.9590

117.1940,
-57.7766, 51.5729

234.6520,
-52.5794, 17.8452

94.1360, -46.4090,
45.4847

243.7140,
-43.2430, 9.8978

71.6650, -35.3308,
38.8818

246.9060,
-31.0127, 7.0984

50.3790, -24.8368,
32.9936

250.0980,
-18.7823, 4.2991

29.3920, -14.4903,
27.7202

253.5180, -5.6784,

11.0630, -5.4541,

1.2997

22.7467

■ 0.0000, 0.0000,
0.0000

■ 171.0870,
-62.1609, 57.8057

■ 171.0870,
-62.1609, 57.8057

■ 163.0680,
-70.0395, 64.8384

■ 179.1060,
-54.2823, 50.7730

■ 155.3910,
-76.6078, 71.5711

■ 187.5980,
-47.1298, 43.3256

■ 195.6170,
-39.2512, 36.2929

■ 203.6360,
-31.3725, 29.2602

■ 211.5410,
-23.9307, 22.3275

■ 220.1470,
-16.3415, 14.7801

■ 228.1660, -8.4628,
7.7474

■ 236.1850, -0.5842,
0.7148

■ 243.7480, 5.5472,
-5.9180

Harmonies

Analogous

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



166.4510, -37.1973, 77.6575



171.0870, -62.1609, 57.8057



166.3450, -63.7671, 12.8524

Triad

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



171.0870, -62.1609, 57.8057



145.1070, 30.5132, -127.2588



180.8400, 36.5609, 33.4663

Complementary

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



171.0870, -62.1609, 57.8057



110.9130, 62.1609, -57.8057

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.



164.0980, 44.8147, -47.4439



171.0870, -62.1609, 57.8057



148.8180, 52.3477, -130.5134

Square

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



171.0870, -62.1609, 57.8057



136.4090, 2.2634, -119.6307



142.9480, 55.2416, -125.3654



172.1410, 20.1435, 72.6673

Rectangle

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



171.0870, -62.1609, 57.8057



161.4250, -48.5235, -23.1747



142.9480, 55.2416, -125.3654



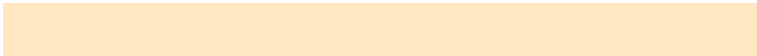
177.7510, 38.0838, 11.6194

Sweetspot

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



171.0870, -62.1609, 57.8057



233.9580, -19.6993, 18.4538



111.1860, 5.3313, 110.3389



114.9770, -11.8207, 11.4212



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.



171.0870, -62.1609, 57.8057



169.9030, -79.8182, 74.6301



209.4310, -81.0645, 7.5150



113.3980, -3.6472, 3.1590



118.6890, -58.5137, 54.6467



35.5170, -17.5099, 16.2096

Inverse Universe

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



110.9130, 62.1609, -57.8057



92.5100, 80.1076, -74.1153



72.5690, 81.0645, -7.5150



109.6020, 3.6472, -3.1590



62.3110, 58.5137, -54.6467



18.4830, 17.5099, -16.2096

Previews

White Background



This preview shows how the YUV color 171.0870, -62.1609, 57.8057 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 171.0870, -62.1609, 57.8057 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 171.0870, -62.1609, 57.8057

Background



This preview shows how black text looks on a background with the YUV color 171.0870, -62.1609, 57.8057.



This preview shows how white text looks on a background with the YUV color 171.0870, -62.1609, 57.8057.

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

171.0870, -62.1609, 57.8057

Protanopia

169.5730, -59.4425, 25.8075

Deuteranopia

170.0810, -63.1439, 46.4100



Tritanopia

180.0610, -8.9041, 56.0745

Trichromacy



Original Color

171.0870, -62.1609, 57.8057

Protanomaly

170.1230, -60.2066, 37.6031

Deuteranomaly

170.5160, -62.8654, 50.4135

Tritanomaly

176.6100, -28.4017, 56.4700

Monochromacy



Original Color

171.0870, -62.1609, 57.8057

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1710, -22.7623, 20.8980

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0870, -62.1609, 57.8057 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(237, 162, 45)` looks like.

```
.text, #text, p{  
    color:rgb(237, 162, 45)  
}
```

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(237, 162, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 162, 45) }
```

Border

The CSS property to change the border of an element to YUV 171.0870, -62.1609, 57.8057 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(237, 162, 45) }
```


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

```
.border{ border-color:rgb(237, 162, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 162, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 162, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 162, 45);  
box-shadow:4px 4px 4px 4px rgb(237, 162,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 171.0870, -62.1609, 57.8057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 162, 45) }
```

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

```
.background{ background-color: rgb(237,  
162, 45) }
```

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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