

Converting Colors

YUV(166.2560, -81.9642,
62.9195)

Have a look what the booklet for
YUV(166.2560, -81.9642, 62.9195)
contains.

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Color

**YUV(166.2560, -81.9642,
62.9195)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA200
RGB	238, 162, 0
RGB Percent	93%, 64%, 0%
CMY	0.0667, 0.3647, 1.0000
CMYK	0.00, 0.32, 1.00, 0.07
HSL	41°, 100%, 47%
HSV	41°, 100%, 93%
XYZ	48.1802, 44.0178, 5.9569
YIQ	166.2560, 97.2980, -34.2700

Conversions

Conversions Part 2

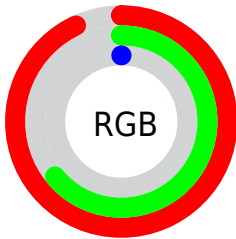
Format	Color
R_{YB}	112, 238, 0
Decimal	15639040
CIE Lab	72.24, 18.32, 76.21
CIE LCh	72, 78.386, 76.481
Yxy	44.0178, 0.4909, 0.4485
Android (android.graphics.Color)	4293829120 (0xFFEEA200)
YUV	166.2560, -81.9642, 62.9195
Hunter-Lab	66.3459, 13.5209, 41.1187

Details

The YUV color **166.2560, -81.9642, 62.9195** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **71.7440, 81.9642, -62.9195**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5160, -66.3164, 37.2585**, and **117.7810, -58.0660, 51.0581** is the 20% darker color. If you saturate the color by 10%, you get **166.2560, -81.9642, 62.9195**, and if you desaturate by 10%, it is **173.6880, -73.7962, 56.4016**.

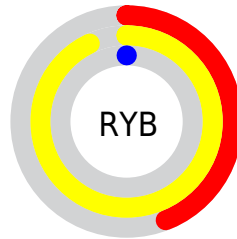
Distribution



Red (93%)

Green (64%)

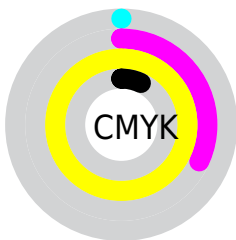
Blue (0%)



Red (44%)

Yellow (93%)

Blue (0%)

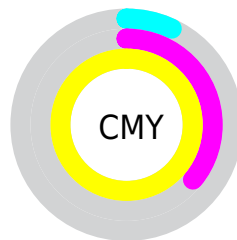


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (7%)



Cyan (7%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2560, -81.9642, 62.9195 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 166.2560, -81.9642, 62.9195 by changing the saturation by 10% instead.

166.2560,
-81.9642, 62.9195

166.2560,
-81.9642, 62.9195

255.0000, 0.0000,
0.0000

141.7250,
-69.8704, 57.2462

212.5160,
-66.3164, 37.2585

117.7810,
-58.0660, 51.0581

232.1440,
-62.1890, 20.0447

94.1360, -46.4090,
45.4847

241.3200,
-52.4158, 11.9974

71.6650, -35.3308,
38.8818

244.5120,
-40.1854, 9.1980

50.0800, -24.6894,
32.3788

247.8180,
-27.5183, 6.2986

29.6800, -14.6322,
26.5906

251.1240,

11.0630, -5.4541,

-14.8511, 3.3993

22.7467

254.4300, -2.1840,
0.4999

0.0000, 0.0000,
0.0000

166.2560,
-81.9642, 62.9195

173.6880,
-73.7962, 56.4016

180.5330,
-65.3388, 50.3986

187.8510,
-57.6075, 43.9807

194.6960,
-49.1501, 37.9776

202.1280,
-40.9821, 31.4597

■ 209.5600,
-32.8141, 24.9419

■ 216.4050,
-24.3567, 18.9388

■ 223.7230,
-16.6254, 12.5209

■ 230.5680, -8.1680,
6.5179

Harmonies

Analogous

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



161.5780, -43.1760, 81.9311



166.2560, -81.9642, 62.9195



161.2080, -79.4755, 11.2186

Triad

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



166.2560, -81.9642, 62.9195



147.8940, 33.5763, -129.7030



179.4330, 37.2545, 44.3473

Complementary

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



166.2560, -81.9642, 62.9195



71.7440, 81.9642, -62.9195

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.



160.5320, 46.5727, -51.3326



166.2560, -81.9642, 62.9195



150.5790, 51.4796, -132.0578

Square

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



166.2560, -81.9642, 62.9195



138.1700, 1.3952, -121.1751



143.5350, 54.9522, -125.8802



164.5100, 23.9056, 79.3597

Rectangle

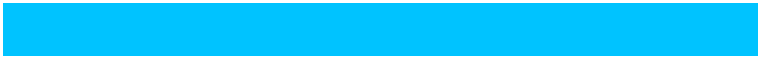
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



166.2560, -81.9642, 62.9195



157.0620, -54.7536, -31.6264



143.5350, 54.9522, -125.8802



176.9090, 38.4989, 18.4968

Sweetspot

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



166.2560, -81.9642, 62.9195



232.2480, -26.2513, 19.9535



80.1680, -0.5758, 138.4187



113.9510, -15.7518, 12.3210



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.



166.2560, -81.9642, 62.9195



178.3830, -87.9428, 67.1931



198.9080, -98.0616, -0.7963



116.2840, -4.0840, 3.2589



128.3910, -63.2968, 48.7691



39.0500, -19.2516, 14.8652

Inverse Universe

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



71.7440, 81.9642, -62.9195



76.6170, 87.9428, -67.1931



39.0920, 98.0616, 0.7963



111.7160, 4.0840, -3.2589



55.6090, 63.2968, -48.7691



16.9500, 19.2516, -14.8651

Previews

White Background



This preview shows how the YUV color 166.2560, -81.9642, 62.9195 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 166.2560, -81.9642, 62.9195 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 166.2560, -81.9642, 62.9195 Background



This preview shows how black text looks on a background with the YUV color 166.2560, -81.9642, 62.9195.



This preview shows how white text looks on a background with the YUV color 166.2560, -81.9642, 62.9195.

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

166.2560, -81.9642, 62.9195

Protanopia

166.1100, -74.0042, 29.7215

Deuteranopia

165.8910, -81.7843, 51.8386



Tritanopia

180.3600, -9.0515, 56.6893

Trichromacy



Original Color

166.2560, -81.9642, 62.9195

Protanomaly

166.0900, -76.9524, 42.0171

Deuteranomaly

166.2120, -81.9425, 55.9421

Tritanomaly

175.0850, -35.5379, 58.6845

Monochromacy



Original Color

166.2560, -81.9642, 62.9195

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3470, -29.7511, 22.4977

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2560, -81.9642, 62.9195 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(238, 162, 0)` looks like.

```
.text, #text, p{  
    color:rgb(238, 162, 0)  
}
```

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(238, 162, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 162, 0) }
```

Border

The CSS property to change the border of an element to YUV 166.2560, -81.9642, 62.9195 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(238, 162, 0) }
```


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

```
.border{ border-color:rgb(238, 162, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 162, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 162, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 162, 0);  
box-shadow:4px 4px 4px 4px rgb(238, 162,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 166.2560, -81.9642, 62.9195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 162, 0) }
```

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

```
.background{ background-color: rgb(238,  
162, 0) }
```

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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