

Converting Colors

YUV(165.8970, -64.0392,
53.5873)

Have a look what the booklet for
YUV(165.8970, -64.0392, 53.5873)
contains.

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Color

**YUV(165.8970, -64.0392,
53.5873)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A024
RGB	227, 160, 36
RGB Percent	89%, 63%, 14%
CMY	0.1098, 0.3725, 0.8588
CMYK	0.00, 0.30, 0.84, 0.11
HSL	39°, 77%, 52%
HSV	39°, 84%, 89%
XYZ	44.5678, 41.5999, 7.3497
YIQ	165.8970, 79.7360, -24.3600

Conversions

Conversions Part 2

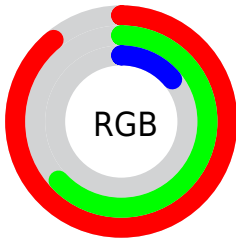
Format	Color
RYB	139, 227, 36
Decimal	14917668
CIELab	70.59, 15.20, 67.87
CIELCh	71, 69.548, 77.380
Yxy	41.5999, 0.4766, 0.4448
Android (android.graphics.Color)	4293107748 (0xFFE3A024)
YUV	165.8970, -64.0392, 53.5873
Hunter-Lab	64.4980, 10.4712, 38.3924

Details

The YUV color **165.8970, -64.0392, 53.5873** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **97.1030, 64.0392, -53.5873**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1660, -58.7488, 36.6884**, and **113.6170, -56.0132, 45.9399** is the 20% darker color. If you saturate the color by 10%, you get **158.5790, -71.7704, 60.0052**, and if you desaturate by 10%, it is **173.2150, -56.3080, 47.1694**.

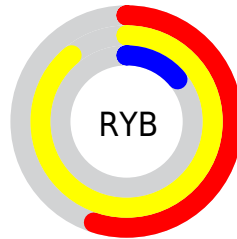
Distribution



Red (89%)

Green (63%)

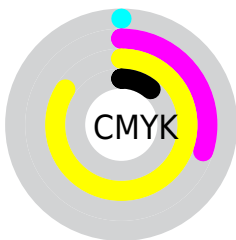
Blue (14%)



Red (55%)

Yellow (89%)

Blue (14%)

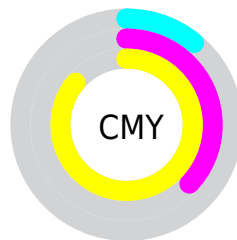


Cyan (0%)

Magenta (30%)

Yellow (84%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8970, -64.0392, 53.5873 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 165.8970, -64.0392, 53.5873 by changing the saturation by 10% instead.

165.8970,
-64.0392, 53.5873

165.8970,
-64.0392, 53.5873

255.0000, 0.0000,
0.0000

137.2620,
-67.6702, 51.5132

213.1660,
-58.7488, 36.6884

113.6170,
-56.0132, 45.9399

232.6800,
-55.0582, 19.5746

90.2710, -44.5036,
40.9813

242.9160,
-46.3006, 10.5977

68.0990, -33.5728,
34.9932

246.1080,
-34.0702, 7.7983

47.1010, -23.2208,
27.9754

249.3000,
-21.8399, 4.9989

27.0000, -13.3110,
22.8020

252.6060, -9.1728,

8.9700, -4.4222,

2.0995

18.4433

■ 0.0000, 0.0000,
0.0000

■ 165.8970,
-64.0392, 53.5873

■ 165.8970,
-64.0392, 53.5873

■ 158.5790,
-71.7704, 60.0052

■ 173.2150,
-56.3080, 47.1694

■ 154.1620,
-76.0019, 63.8789

■ 180.4190,
-49.0136, 40.8515

■ 187.7370,
-41.2823, 34.4337

■ 195.0550,
-33.5511, 28.0158

■ 202.2590,
-26.2567, 21.6979

■ 209.5770,
-18.5255, 15.2800

■ 216.8950,
-10.7942, 8.8621

■ 224.2130, -3.0630,
2.4442

■ 231.4170, 4.2314,
-3.8737

Harmonies

Analogous

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



164.1370, -40.9865, 79.6869



165.8970, -64.0392, 53.5873



160.9530, -62.5878, 7.9342

Triad

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



165.8970, -64.0392, 53.5873



142.9870, 32.5444, -125.3996



177.0410, 38.4338, 39.4290

Complementary

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



165.8970, -64.0392, 53.5873



97.1030, 64.0392, -53.5873

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.



162.9790, 45.3664, -37.6926



165.8970, -64.0392, 53.5873



145.8830, 53.7947, -127.9394

Square

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



165.8970, -64.0392, 53.5873



134.2890, 4.2945, -117.7715



139.4260, 56.9780, -122.2766



167.3650, 17.0751, 76.8559

Rectangle

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



165.8970, -64.0392, 53.5873



155.4890, -45.5971, -28.4929



139.4260, 56.9780, -122.2766



174.8380, 39.5199, 17.6821

Sweetspot

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



165.8970, -64.0392, 53.5873



234.7900, -21.5885, 17.7242



101.0890, 2.4211, 110.4239



115.3360, -12.9836, 11.1063



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.



165.8970, -64.0392, 53.5873



173.6870, -85.6277, 71.3115



197.7510, -79.7432, 3.7264



111.2840, -4.0840, 3.2589



121.6130, -59.9552, 50.3284



34.6200, -17.0677, 14.3653

Inverse Universe

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



97.1030, 64.0392, -53.5873



81.3130, 85.6277, -71.3115



65.2490, 79.7432, -3.7264



106.7160, 4.0840, -3.2589



57.3870, 59.9552, -50.3284



16.3800, 17.0677, -14.3653

Previews

White Background



This preview shows how the YUV color 165.8970, -64.0392, 53.5873 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 165.8970, -64.0392, 53.5873 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 165.8970, -64.0392, 53.5873

Background



This preview shows how black text looks on a background with the YUV color 165.8970, -64.0392, 53.5873.



This preview shows how white text looks on a background with the YUV color 165.8970, -64.0392, 53.5873.

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

165.8970, -64.0392, 53.5873

Protanopia

164.3020, -61.7739, 26.9221

Deuteranopia

165.3260, -64.7437, 46.1951



Tritanopia

175.6690, -7.7248, 51.1563

Trichromacy



Original Color

165.8970, -64.0392, 53.5873

Protanomaly

164.8410, -62.5326, 36.9734

Deuteranomaly

165.7500, -64.4597, 48.4543

Tritanomaly

171.9900, -28.0961, 51.7518

Monochromacy



Original Color

165.8970, -64.0392, 53.5873

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0460, -23.1937, 19.2537

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8970, -64.0392, 53.5873 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(227, 160, 36)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 36)  
}
```

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(227, 160, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 36) }
```

Border

The CSS property to change the border of an element to YUV 165.8970, -64.0392, 53.5873 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(227, 160, 36) }
```


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

```
.border{ border-color:rgb(227, 160, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 160, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 160, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 160, 36);  
box-shadow:4px 4px 4px 4px rgb(227, 160,  
36) }
```

Background

The CSS property to change the background color of an element to YUV 165.8970, -64.0392, 53.5873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 36) }
```

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

```
.background{ background-color: rgb(227,  
160, 36) }
```

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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