

Converting Colors

YUV(164.9390, -81.3149,
41.2725)

Have a look what the booklet for
YUV(164.9390, -81.3149, 41.2725)
contains.

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Color

**YUV(164.9390, -81.3149,
41.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	D4AD00
RGB	212, 173, 0
RGB Percent	83%, 68%, 0%
CMY	0.1686, 0.3216, 1.0000
CMYK	0.00, 0.18, 1.00, 0.17
HSL	49°, 100%, 42%
HSV	49°, 100%, 83%
XYZ	42.0949, 43.8842, 6.2519
YIQ	164.9390, 78.7770, -45.5350

Conversions

Conversions Part 2

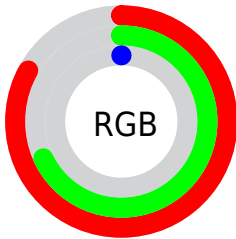
Format	Color
R _Y B	48, 212, 0
Decimal	13937920
CIE Lab	72.15, 1.16, 74.83
CIE LCh	72, 74.836, 89.109
Yxy	43.8842, 0.4564, 0.4758
Android (android.graphics.Color)	4292128000 (0xFFD4AD00)
YUV	164.9390, -81.3149, 41.2725
Hunter-Lab	66.2451, -2.5026, 40.7761

Details

The YUV color **164.9390, -81.3149, 41.2725** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **47.0610, 81.3149, -41.2725**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.0870, -69.0629, 31.4957**, and **116.4750, -57.4222, 31.1554** is the 20% darker color. If you saturate the color by 10%, you get **164.9390, -81.3149, 41.2725**, and if you desaturate by 10%, it is **169.6810, -73.2997, 37.1138**.

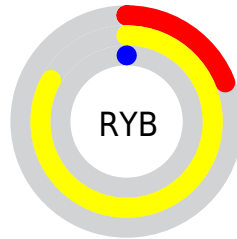
Distribution



Red (83%)

Green (68%)

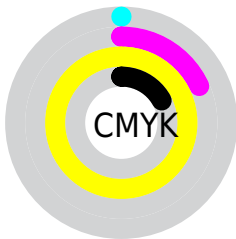
Blue (0%)



Red (19%)

Yellow (83%)

Blue (0%)

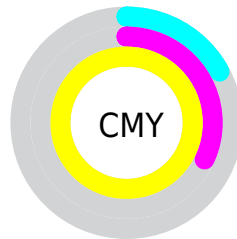


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9390, -81.3149, 41.2725 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 164.9390, -81.3149, 41.2725 by changing the saturation by 10% instead.

■ 164.9390,
-81.3149, 41.2725

■ 164.9390,
-81.3149, 41.2725

■ 255.0000, 0.0000,
0.0000

■ 140.7070,
-69.3686, 36.2140

■ 219.0870,
-69.0629, 31.4957

■ 116.4750,
-57.4222, 31.1554

■ 238.2420,
-64.2093, 14.6968

■ 93.7160, -46.2020,
25.6821

■ 241.4340,
-51.9790, 11.8974

■ 71.2560, -35.1292,
20.8235

■ 244.6260,
-39.7486, 9.0980

■ 50.2690, -24.7826,
15.5501

■ 247.9320,
-27.0815, 6.1986

■ 30.1680, -14.8728,
10.3767

■ 251.2380,

■ 8.5940, -4.2368,

-14.4143, 3.2993

5.6181

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 164.9390,
-81.3149, 41.2725

■ 169.6810,
-73.2997, 37.1138

■ 174.4230,
-65.2845, 32.9550

■ 179.2790,
-56.8325, 28.6963

■ 184.0210,
-48.8174, 24.5376

■ 188.7630,
-40.8022, 20.3788

■ 192.9180,
-32.4976, 16.7349

■ 197.6600,
-24.4824, 12.5762

■ 202.5160,
-16.0304, 8.3175

■ 207.2580, -8.0152,
4.1587

Harmonies

Analogous

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



168.2170, -55.8160, 76.1087



164.9390, -81.3149, 41.2725



160.3200, -59.3178, -14.3126

Triad

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



164.9390, -81.3149, 41.2725



149.6840, 45.5118, -131.2729



179.6530, 33.6951, 66.0793

Complementary

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



164.9390, -81.3149, 41.2725



47.0610, 81.3149, -41.2725

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.



174.1190, 39.8743, -2.7354



164.9390, -81.3149, 41.2725



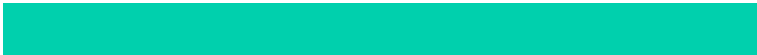
147.0570, 53.2159, -128.9690

Square

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



164.9390, -81.3149, 41.2725



141.8180, 15.3727, -124.3744



138.2520, 57.5568, -121.2470



160.3890, 10.6542, 82.9738

Rectangle

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



164.9390, -81.3149, 41.2725



151.1520, -34.5849, -60.6463



138.2520, 57.5568, -121.2470



180.6290, 36.6649, 46.8064

Sweetspot

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



164.9390, -81.3149, 41.2725



238.1180, -29.1452, 14.8055



68.1760, -12.9048, 126.1336



117.4730, -17.4882, 9.2322



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.



164.9390, -81.3149, 41.2725



198.3410, -97.7821, 49.6899



168.6960, -83.1671, -18.1504



104.5720, -4.2260, 2.1294



132.7220, -65.4319, 33.5698



33.4020, -16.4672, 8.4174

Inverse Universe

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



47.0610, 81.3149, -41.2725



56.6590, 97.7821, -49.6899



43.3040, 83.1671, 18.1504



98.4280, 4.2260, -2.1294



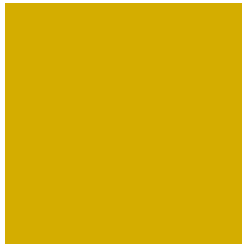
37.6910, 65.7213, -33.0550



9.5980, 16.4672, -8.4174

Previews

White Background



This preview shows how the YUV color 164.9390, -81.3149, 41.2725 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 164.9390, -81.3149, 41.2725 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 164.9390, -81.3149, 41.2725

Background



This preview shows how black text looks on a background with the YUV color 164.9390, -81.3149, 41.2725.



This preview shows how white text looks on a background with the YUV color 164.9390, -81.3149, 41.2725.

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

164.9390, -81.3149, 41.2725

Protanopia

165.3120, -77.0618, 30.4214

Deuteranopia

167.4160, -74.6481, 49.6242



Tritanopia

180.3080, -3.6028, 35.6869

Trichromacy



Original Color

164.9390, -81.3149, 41.2725

Protanomaly

164.9920, -78.3831, 34.2100

Deuteranomaly

166.7100, -77.2580, 46.7353

Tritanomaly

174.5770, -31.8365, 38.0820

Monochromacy



Original Color

164.9390, -81.3149, 41.2725

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0040, -29.5820, 14.9055

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9390, -81.3149, 41.2725 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(212, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 173, 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(212, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 173, 0) }
```

Border

The CSS property to change the border of an element to YUV 164.9390, -81.3149, 41.2725 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(212, 173, 0) }
```


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

```
.border{ border-color:rgb(212, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 173,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 164.9390, -81.3149, 41.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 173, 0) }
```

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

```
.background{ background-color: rgb(212,  
173, 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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