

Converting Colors

YUV(164.2160, -78.0005,
51.5536)

Have a look what the booklet for
YUV(164.2160, -78.0005, 51.5536)
contains.

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Color

**YUV(164.2160, -78.0005,
51.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA506
RGB	223, 165, 6
RGB Percent	87%, 65%, 2%
CMY	0.1255, 0.3529, 0.9765
CMYK	0.00, 0.26, 0.97, 0.13
HSL	44°, 95%, 45%
HSV	44°, 97%, 87%
XYZ	43.9194, 42.6114, 6.0823
YIQ	164.2160, 85.6070, -37.1530

Conversions

Conversions Part 2

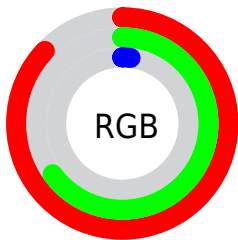
Format	Color
RYB	85, 223, 6
Decimal	14656774
CIELab	71.29, 10.30, 74.05
CIELCh	71, 74.760, 82.080
Yxy	42.6114, 0.4742, 0.4601
Android (android.graphics.Color)	4292846854 (0xFFDFA506)
YUV	164.2160, -78.0005, 51.5536
Hunter-Lab	65.2774, 5.8615, 40.1698

Details

The YUV color **164.2160, -78.0005, 51.5536** 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 **64.7840, 78.0005, -51.5536**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5050, -66.3110, 35.5141**, and **115.3560, -56.8705, 40.9068** is the 20% darker color. If you saturate the color by 10%, you get **162.3580, -80.0425, 53.1830**, and if you desaturate by 10%, it is **170.2460, -70.1273, 46.2653**.

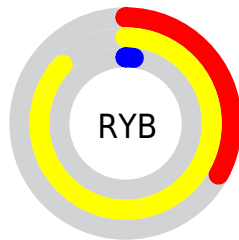
Distribution



Red (87%)

Green (65%)

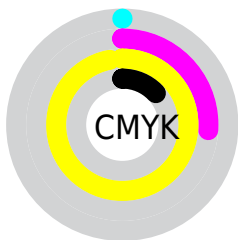
Blue (2%)



Red (33%)

Yellow (87%)

Blue (2%)

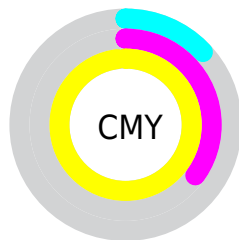


Cyan (0%)

Magenta (26%)

Yellow (97%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2160, -78.0005, 51.5536 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 164.2160, -78.0005, 51.5536 by changing the saturation by 10% instead.

■ 164.2160,
-78.0005, 51.5536

■ 164.2160,
-78.0005, 51.5536

■ 255.0000, 0.0000,
0.0000

■ 139.0010,
-68.5275, 46.4801

■ 214.5050,
-66.3110, 35.5141

■ 115.3560,
-56.8705, 40.9068

■ 234.1330,
-62.1836, 18.3004

■ 92.0100, -45.3609,
35.9482

■ 241.4340,
-51.9790, 11.8974

■ 69.8380, -34.4301,
29.9601

■ 244.6260,
-39.7486, 9.0980

■ 48.5520, -23.9361,
24.0719

■ 247.9320,
-27.0815, 6.1986

■ 29.0380, -14.3157,
18.3837

■ 251.2380,

■ 7.7740, -3.8326,

-14.4143, 3.2993

15.9842

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 164.2160,
-78.0005, 51.5536

■ 164.2160,
-78.0005, 51.5536

■ 162.3580,
-80.0425, 53.1830

■ 170.2460,
-70.1273, 46.2653

■ 176.3900,
-61.8173, 40.8770

■ 182.4200,
-53.9441, 35.5887

■ 188.4500,
-46.0709, 30.3003

■ 194.5940,
-37.7608, 24.9121

■ 200.6240,
-29.8876, 19.6238

■ 206.6540,
-22.0144, 14.3354

■ 212.6840,
-14.1412, 9.0471

■ 218.8280, -5.8312,
3.6588

Harmonies

Analogous

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



164.1880, -48.4067, 79.6421



164.2160, -78.0005, 51.5536



159.2310, -67.6549, -0.2026

Triad

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



164.2160, -78.0005, 51.5536



146.4580, 38.2282, -128.4437



178.6020, 37.6642, 52.9690

Complementary

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



164.2160, -78.0005, 51.5536



64.7840, 78.0005, -51.5536

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.



166.6000, 43.5812, -25.0822



164.2160, -78.0005, 51.5536



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.



164.2160, -78.0005, 51.5536



137.8910, 7.9417, -120.9304



139.4260, 56.9780, -122.2766



161.9850, 16.7694, 81.5742

Rectangle

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



164.2160, -78.0005, 51.5536



153.1560, -43.9539, -42.2328



139.4260, 56.9780, -122.2766



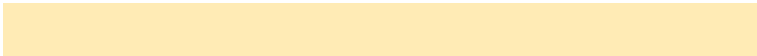
176.9860, 38.4609, 30.7073

Sweetspot

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



164.2160, -78.0005, 51.5536



234.8240, -26.5352, 17.6944



77.8370, -5.3426, 127.3080



115.8260, -16.1832, 10.6766



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.



164.2160, -78.0005, 51.5536



186.0140, -91.7049, 60.5007



184.2090, -87.8570, -7.1993



108.9850, -3.9366, 2.6442



128.3470, -63.2751, 41.7917



35.4840, -17.4936, 10.9765

Inverse Universe

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



64.7840, 78.0005, -51.5536



68.9860, 91.7049, -60.5007



44.7910, 87.8570, 7.1993



104.0150, 3.9366, -2.6442



47.6530, 63.2751, -41.7917



13.1030, 17.2042, -11.4913

Previews

White Background



This preview shows how the YUV color 164.2160, -78.0005, 51.5536 looks on a white background.

Color Contrast Check

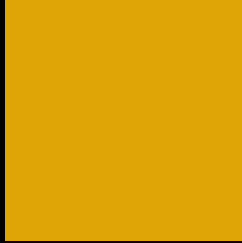
Large Text (above 18pt) WCAG AA × Fail

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 164.2160, -78.0005, 51.5536 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 164.2160, -78.0005, 51.5536

Background



This preview shows how black text looks on a background with the YUV color 164.2160, -78.0005, 51.5536.



This preview shows how white text looks on a background with the YUV color 164.2160, -78.0005,

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

164.2160, -78.0005, 51.5536

Protanopia

163.2240, -73.5674, 29.6216

Deuteranopia

163.5210, -80.6159, 50.4091



Tritanopia

177.6900, -6.2562, 46.7529

Trichromacy



Original Color

164.2160, -78.0005, 51.5536

Protanomaly

163.2250, -75.0469, 37.5137

Deuteranomaly

164.0480, -79.8897, 50.8239

Tritanomaly

172.5290, -32.3058, 48.6481

Monochromacy



Original Color

164.2160, -78.0005, 51.5536

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7810, -27.9930, 18.6091

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2160, -78.0005, 51.5536 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(223, 165, 6)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 6)  
}
```

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(223, 165, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 6) }
```

Border

The CSS property to change the border of an element to YUV 164.2160, -78.0005, 51.5536 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(223, 165, 6) }
```


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

```
.border{ border-color:rgb(223, 165, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 6);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
6) }
```

Background

The CSS property to change the background color of an element to YUV 164.2160, -78.0005, 51.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 6) }
```

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

```
.background{ background-color: rgb(223,  
165, 6) }
```

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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