

Converting Colors

YUV(145.9740, -64.0772,
65.7978)

Have a look what the booklet for
YUV(145.9740, -64.0772, 65.7978)
contains.

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Color

**YUV(145.9740, -64.0772,
65.7978)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8510
RGB	221, 133, 16
RGB Percent	87%, 52%, 6%
CMY	0.1333, 0.4784, 0.9373
CMYK	0.00, 0.40, 0.93, 0.13
HSL	34°, 86%, 46%
HSV	34°, 93%, 87%
XYZ	38.2998, 32.1846, 4.6838
YIQ	145.9740, 90.0050, -17.7310

Conversions

Conversions Part 2

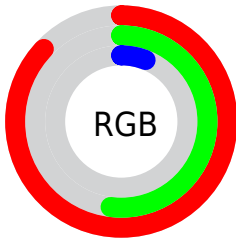
Format	Color
R _Y B	170, 221, 16
Decimal	14517520
CIE Lab	63.50, 26.66, 66.98
CIE LCh	63, 72.093, 68.299
Yxy	32.1846, 0.5095, 0.4282
Android (android.graphics.Color)	4292707600 (0xFFDD8510)
YUV	145.9740, -64.0772, 65.7978
Hunter-Lab	56.7315, 21.2266, 34.8170

Details

The YUV color **145.9740, -64.0772, 65.7978** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **91.0260, 64.0772, -65.7978**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3190, -57.3453, 53.2172**, and **96.2620, -47.4572, 55.0212** is the 20% darker color. If you saturate the color by 10%, you get **140.0410, -69.0402, 71.0010**, and if you desaturate by 10%, it is **153.7650, -57.0721, 58.9651**.

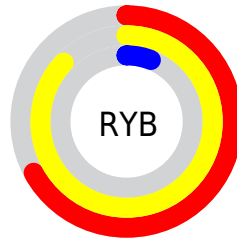
Distribution



Red (87%)

Green (52%)

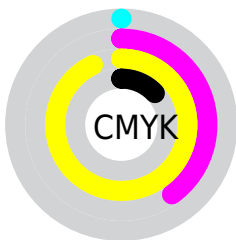
Blue (6%)



Red (67%)

Yellow (87%)

Blue (6%)

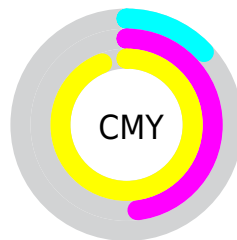


Cyan (0%)

Magenta (40%)

Yellow (93%)

Black (13%)



Cyan (13%)

Magenta (48%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9740, -64.0772, 65.7978 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 145.9740, -64.0772, 65.7978 by changing the saturation by 10% instead.

■ 145.9740,
-64.0772, 65.7978

■ 145.9740,
-64.0772, 65.7978

■ 255.0000, 0.0000,
0.0000

■ 119.6190,
-58.9722, 61.7241

■ 194.3190,
-57.3453, 53.2172

■ 96.2620, -47.4572,
55.0212

■ 213.8330,
-53.6547, 36.1035

■ 73.2040, -36.0896,
48.9331

■ 233.9340,
-50.2535, 18.4749

■ 51.0320, -25.1588,
42.9449

■ 244.1700,
-41.4958, 9.4979

■ 29.1590, -14.3754,
37.5716

■ 247.3620,
-29.2655, 6.6985

■ 13.7540, -6.7807,
28.2797

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.9740, -3.9312,
0.8998

145.9740,
-64.0772, 65.7978

145.9740,
-64.0772, 65.7978

140.0410,
-69.0402, 71.0010

153.7650,
-57.0721, 58.9651

162.1430,
-50.3565, 51.6176

169.9340,
-43.3515, 44.7849

178.3120,
-36.6358, 37.4374

186.2170,
-29.1940, 30.5047

■ 194.5950,
-22.4783, 23.1572

■ 202.3860,
-15.4733, 16.3245

■ 210.7640, -8.7577,
8.9770

■ 218.5550, -1.7526,
2.1443

Harmonies

Analogous

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



146.0710, -34.0520, 95.5307



145.9740, -64.0772, 65.7978



142.3910, -70.1988, 22.4591

Triad

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



145.9740, -64.0772, 65.7978



126.8010, 21.2971, -111.2045



157.4280, 48.1030, 18.0416

Complementary

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



145.9740, -64.0772, 65.7978



91.0260, 64.0772, -65.7978

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.



120.6420, 66.2385, -105.8030



145.9740, -64.0772, 65.7978



133.2820, 48.6680, -116.8883

Square

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



145.9740, -64.0772, 65.7978



117.4020, -7.1002, -102.9616



130.6210, 61.3188, -114.5546



153.6240, 24.3424, 79.2598

Rectangle

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



145.9740, -64.0772, 65.7978



137.1740, -61.2178, -11.5536



130.6210, 61.3188, -114.5546



152.8330, 50.3683, -8.6235

Sweetspot

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



145.9740, -64.0772, 65.7978



228.7090, -22.0415, 23.0572



87.4410, 8.6566, 117.1312



111.8310, -13.7207, 14.1802



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.



145.9740, -64.0772, 65.7978



161.9470, -79.8399, 81.6075



193.4440, -87.4799, 11.8886



105.8110, -3.3578, 3.6738



109.8400, -54.1511, 55.3913



29.0160, -14.3049, 14.8950

Inverse Universe

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



91.0260, 64.0772, -65.7978



93.0530, 79.8399, -81.6075



43.5560, 87.4799, -11.8886



102.6020, 3.6472, -3.1590



63.1600, 54.1511, -55.3913



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 145.9740, -64.0772, 65.7978 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 145.9740, -64.0772, 65.7978 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 145.9740, -64.0772, 65.7978

Background



This preview shows how black text looks on a background with the YUV color 145.9740, -64.0772, 65.7978.



This preview shows how white text looks on a background with the YUV color 145.9740, -64.0772, 65.7978.

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

145.9740, -64.0772, 65.7978

Protanopia

145.6330, -60.4581, 24.8779

Deuteranopia

144.0070, -70.9955, 44.7209



Tritanopia

155.5240, -11.1043, 61.8075

Trichromacy



Original Color

145.9740, -64.0772, 65.7978

Protanomaly

145.6780, -61.9593, 39.7474

Deuteranomaly

144.4470, -68.2544, 52.2280

Tritanomaly

151.7850, -30.4600, 63.3326

Monochromacy



Original Color

145.9740, -64.0772, 65.7978

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7800, -23.0625, 23.8719

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9740, -64.0772, 65.7978 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(221, 133, 16)` looks like.

```
.text, #text, p{  
    color:rgb(221, 133, 16)  
}
```

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(221, 133, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 133, 16) }
```

Border

The CSS property to change the border of an element to YUV 145.9740, -64.0772, 65.7978 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(221, 133, 16) }
```


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

```
.border{ border-color:rgb(221, 133, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 133, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 133, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 133, 16);  
box-shadow:4px 4px 4px 4px rgb(221, 133,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 145.9740, -64.0772, 65.7978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 133, 16) }
```

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

```
.background{ background-color: rgb(221,  
133, 16) }
```

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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