

Converting Colors

YUV(147.3280, -47.4897,
65.4873)

Have a look what the booklet for
YUV(147.3280, -47.4897, 65.4873)
contains.

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Color

**YUV(147.3280, -47.4897,
65.4873)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DE8033 |
| RGB | 222, 128, 51 |
| RGB Percent | 87%, 50%, 20% |
| CMY | 0.1294, 0.4980, 0.8000 |
| CMYK | 0.00, 0.42, 0.77, 0.13 |
| HSL | 27°, 72%, 54% |
| HSV | 27°, 77%, 87% |
| XYZ | 38.4409, 31.2070, 7.1295 |
| YIQ | 147.3280, 80.7410, -4.0190 |

Conversions

Conversions Part 2

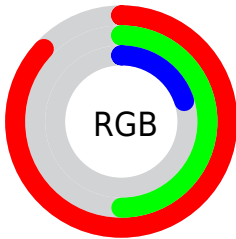
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 191, 51 |
| Decimal | 14581811 |
| CIE Lab | 62.68, 30.62, 55.05 |
| CIE LCh | 63, 62.988, 60.919 |
| Yxy | 31.2070, 0.5007, 0.4065 |
| Android (android.graphics.Color) | 4292771891 (0xFFDE8033) |
| YUV | 147.3280, -47.4897, 65.4873 |
| Hunter-Lab | 55.8632, 25.0699, 31.5374 |

Details

The YUV color **147.3280, -47.4897, 65.4873** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle muted orange. A complement of this color would be **125.6720, 47.4897, -65.4873**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7070, -45.7046, 52.8770**, and **93.9250, -46.3050, 58.8248** is the 20% darker color. If you saturate the color by 10%, you get **137.7760, -53.6266, 73.8644**, and if you desaturate by 10%, it is **156.8800, -41.3528, 57.1102**.

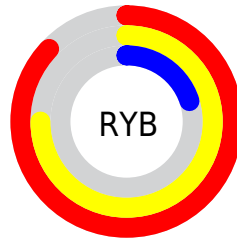
Distribution



Red (87%)

Green (50%)

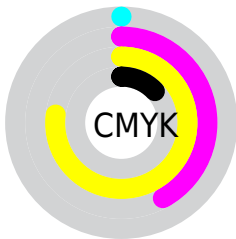
Blue (20%)



Red (87%)

Yellow (75%)

Blue (20%)

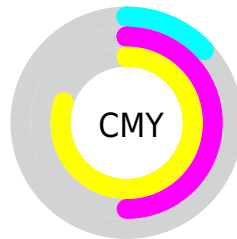


Cyan (0%)

Magenta (42%)

Yellow (77%)

Black (13%)



Cyan (13%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.3280, -47.4897, 65.4873 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 147.3280, -47.4897, 65.4873 by changing the saturation by 10% instead.

147.3280,
-47.4897, 65.4873

147.3280,
-47.4897, 65.4873

255.0000, 0.0000,
0.0000

119.7190,
-47.1895, 62.5134

194.7070,
-45.7046, 52.8770

93.9250, -46.3050,
58.8248

213.6340,
-41.7246, 36.2780

70.8670, -34.9374,
52.7366

233.7350,
-38.3234, 18.6494

48.1080, -23.7172,
47.2633

246.7920,
-31.4495, 7.1984

24.1750, -11.9183,
42.8195

249.9840,
-19.2191, 4.3990

14.3520, -7.0755,
29.5093

253.2900, -6.5520,

0.0000, 0.0000,

1.4997

0.0000

■ 147.3280,
-47.4897, 65.4873

■ 147.3280,
-47.4897, 65.4873

■ 137.7760,
-53.6266, 73.8644

■ 156.8800,
-41.3528, 57.1102

■ 128.2240,
-59.7634, 82.2416

■ 166.4320,
-35.2160, 48.7331

■ 125.0780,
-61.6635, 85.0006

■ 176.6850,
-28.9317, 39.7413

■ 186.2370,
-22.7948, 31.3642

■ 195.7890,
-16.6580, 22.9870

■ 205.3410,
-10.5211, 14.6099

■ 214.8930, -4.3842,
6.2328

■ 225.1460, 1.9000,
-2.7590

■ 234.6980, 8.0369,
-11.1361

Harmonies

Analogous

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



147.7310, -25.0104, 88.8129



147.3280, -47.4897, 65.4873



143.1930, -59.7481, 30.5257

Triad

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



147.3280, -47.4897, 65.4873



121.8140, 14.8817, -106.8309



153.8510, 46.4155, -0.7463

Complementary

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



147.3280, -47.4897, 65.4873



125.6720, 47.4897, -65.4873

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.



121.8160, 65.6597, -106.8326



147.3280, -47.4897, 65.4873



127.6110, 39.6318, -111.9148

Square

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



147.3280, -47.4897, 65.4873



118.5350, -12.0958, -87.2922



128.7630, 59.2768, -112.9252



154.5350, 25.8652, 57.4128

Rectangle

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



147.3280, -47.4897, 65.4873



140.7270, -53.1094, 1.1164



128.7630, 59.2768, -112.9252



149.4780, 52.0223, -25.8522

Sweetspot

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



147.3280, -47.4897, 65.4873



229.4900, -16.5106, 22.3723



112.8450, 15.8524, 95.7289



112.1560, -9.9369, 13.8952



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.



147.3280, -47.4897, 65.4873



152.4870, -65.3161, 89.9039



197.2230, -72.0879, 21.7294



107.2240, -3.0684, 4.1886



98.9970, -48.8055, 67.5316



27.2660, -13.4421, 18.1837

Inverse Universe

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



125.6720, 47.4897, -65.4873



122.5130, 65.3161, -89.9039



75.7770, 72.0879, -21.7294



105.7760, 3.0684, -4.1886



77.0030, 48.8055, -67.5316



21.3210, 13.1527, -18.6985

Previews

White Background



This preview shows how the YUV color 147.3280, -47.4897, 65.4873 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 147.3280, -47.4897, 65.4873 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 147.3280, -47.4897, 65.4873

Background



This preview shows how black text looks on a background with the YUV color 147.3280, -47.4897, 65.4873.



This preview shows how white text looks on a background with the YUV color 147.3280, -47.4897, 65.4873.

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

147.3280, -47.4897, 65.4873

Protanopia

146.6660, -43.7123, 20.4639

Deuteranopia

146.8810, -49.7343, 38.6924



Tritanopia

152.7200, -11.6940, 64.2666

Trichromacy



Original Color

147.3280, -47.4897, 65.4873

Protanomaly

146.7220, -45.2189, 37.0778

Deuteranomaly

146.8760, -48.7459, 48.3437

Tritanomaly

150.9900, -24.6451, 64.9068

Monochromacy



Original Color

147.3280, -47.4897, 65.4873

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9740, -17.2422, 23.7018

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.3280, -47.4897, 65.4873 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(222, 128, 51)` looks like.

```
.text, #text, p{  
    color:rgb(222, 128, 51)  
}
```

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(222, 128, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 128, 51) }
```

Border

The CSS property to change the border of an element to YUV 147.3280, -47.4897, 65.4873 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(222, 128, 51) }
```


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

```
.border{ border-color:rgb(222, 128, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 128, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 128, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 128, 51);  
box-shadow:4px 4px 4px 4px rgb(222, 128,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 147.3280, -47.4897, 65.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 128, 51) }
```

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

```
.background{ background-color: rgb(222,  
128, 51) }
```

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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