

Converting Colors

YUV(154.1560, -36.5589,
59.4992)

Have a look what the booklet for
YUV(154.1560, -36.5589, 59.4992)
contains.

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Color

**YUV(154.1560, -36.5589,
59.4992)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DE8650 |
| RGB | 222, 134, 80 |
| RGB Percent | 87%, 53%, 31% |
| CMY | 0.1294, 0.4745, 0.6863 |
| CMYK | 0.00, 0.40, 0.64, 0.13 |
| HSL | 23°, 68%, 59% |
| HSV | 23°, 64%, 87% |
| XYZ | 40.0973, 33.1590, 11.8764 |
| YIQ | 154.1560, 69.7820, 1.8620 |

Conversions

Conversions Part 2

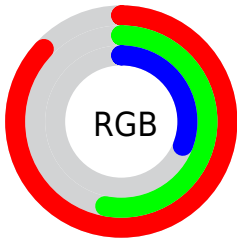
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 167, 80 |
| Decimal | 14583376 |
| CIE Lab | 64.29, 28.92, 42.87 |
| CIE LCh | 64, 51.715, 55.995 |
| Yxy | 33.1590, 0.4710, 0.3895 |
| Android (android.graphics.Color) | 4292773456 (0xFFDE8650) |
| YUV | 154.1560, -36.5589, 59.4992 |
| Hunter-Lab | 57.5838, 23.5229, 28.0804 |

Details

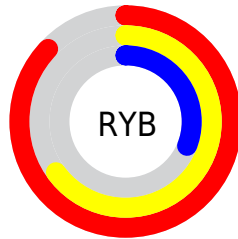
The YUV color **154.1560, -36.5589, 59.4992** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **147.8440, 36.5589, -59.4992**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5350, -34.7738, 46.8888**, and **100.8070, -33.9219, 53.6663** is the 20% darker color. If you saturate the color by 10%, you get **143.4300, -42.1170, 68.9059**, and if you desaturate by 10%, it is **164.8820, -31.0008, 50.0925**.

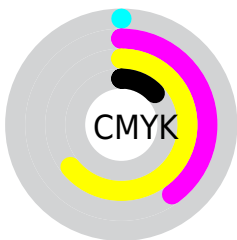
Distribution



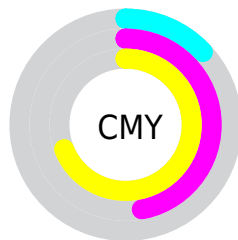
- Red (87%)
- Green (53%)
- Blue (31%)



- Red (87%)
- Yellow (65%)
- Blue (31%)



- Cyan (0%)
- Magenta (40%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.1560, -36.5589, 59.4992 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 154.1560, -36.5589, 59.4992 by changing the saturation by 10% instead.

154.1560,
-36.5589, 59.4992

154.1560,
-36.5589, 59.4992

255.0000, 0.0000,
0.0000

127.1880,
-35.0957, 56.8401

201.5350,
-34.7738, 46.8888

100.8070,
-33.9219, 53.6663

220.9350,
-31.5200, 29.8750

75.0840, -34.0584,
50.7923

240.5630,
-27.3926, 12.6612

52.5270, -25.8958,
46.0188

250.2120,
-18.3455, 4.1991

29.7680, -14.6756,
40.5455

253.4040, -6.1152,
1.3997

14.9500, -7.3703,
30.7388

3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 154.1560,
-36.5589, 59.4992

■ 154.1560,
-36.5589, 59.4992

■ 143.4300,
-42.1170, 68.9059

■ 164.8820,
-31.0008, 50.0925

■ 132.7040,
-47.6751, 78.3126

■ 175.6080,
-25.4427, 40.6858

■ 122.4510,
-53.9593, 87.3045

■ 185.8610,
-19.1585, 31.6939

■ 115.6860,
-57.0332, 93.2374

■ 196.5870,
-13.6004, 22.2872

■ 207.3130, -8.0423,
12.8805

■ 218.0390, -2.4842,
3.4738

■ 228.1780, 3.3632,
-5.4181

■ 238.6760, 8.0477,
-14.6249

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



155.3640, -18.4205, 75.1028



154.1560, -36.5589, 59.4992



151.3900, -45.0553, 31.2300

Triad

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



154.1560, -36.5589, 59.4992



121.3580, 13.1345, -106.4310



157.2000, 40.3274, -8.0684

Complementary

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



154.1560, -36.5589, 59.4992



147.8440, 36.5589, -59.4992

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.



133.5210, 56.4381, -89.0339



154.1560, -36.5589, 59.4992



126.7160, 33.6640, -111.1299

Square

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



154.1560, -36.5589, 59.4992



138.8820, -18.1828, -48.1315



128.5860, 50.9831, -112.7699



160.7410, 23.2987, 40.5691

Rectangle

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



154.1560, -36.5589, 59.4992



148.8170, -42.8008, 8.0535



128.5860, 50.9831, -112.7699



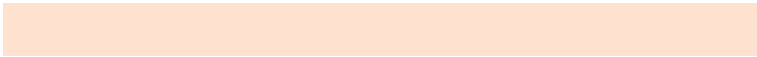
153.3330, 45.1918, -28.3560

Sweetspot

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



154.1560, -36.5589, 59.4992



231.9180, -12.2846, 20.2429



132.7180, 18.3800, 78.3003



113.4270, -7.6055, 12.7805



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.



154.1560, -36.5589, 59.4992



161.0420, -50.3067, 82.4012



194.6590, -56.5269, 23.9781



106.6370, -2.7790, 4.7034



91.9530, -45.3328, 73.7092



24.9180, -12.2846, 20.2429

Inverse Universe

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



147.8440, 36.5589, -59.4992



152.3710, 50.5961, -81.8864



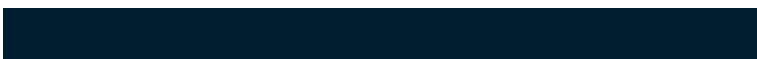
107.3410, 56.5269, -23.9781



106.3630, 2.7790, -4.7034



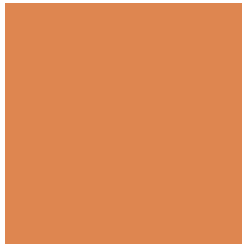
84.0470, 45.3328, -73.7092



23.0820, 12.2846, -20.2429

Previews

White Background



This preview shows how the YUV color 154.1560, -36.5589, 59.4992 looks on a white background.

Color Contrast Check

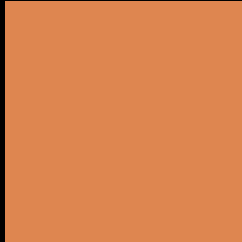
Large Text (above 18pt) WCAG AA × Fail

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 154.1560, -36.5589, 59.4992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

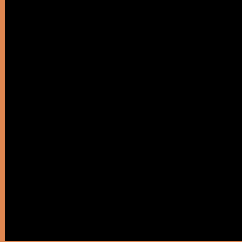
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.1560, -36.5589, 59.4992

Background



This preview shows how black text looks on a background with the YUV color 154.1560, -36.5589, 59.4992.



This preview shows how white text looks on a background with the YUV color 154.1560, -36.5589,

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

154.1560, -36.5589, 59.4992

Protanopia

153.0320, -32.0608, 16.6349

Deuteranopia

153.9480, -37.9354, 34.2486



Tritanopia

157.7410, -10.2253, 59.8631

Trichromacy



Original Color

154.1560, -36.5589, 59.4992

Protanomaly

153.3760, -33.7094, 32.1192

Deuteranomaly

154.4160, -37.6731, 43.4852

Tritanomaly

156.8090, -20.1188, 59.8035

Monochromacy



Original Color

154.1560, -36.5589, 59.4992

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2880, -13.4530, 21.6724

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.1560, -36.5589, 59.4992 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, 134, 80)` looks like.

```
.text, #text, p{  
    color:rgb(222, 134, 80)  
}
```

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, 134, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 134, 80) }
```

Border

The CSS property to change the border of an element to YUV 154.1560, -36.5589, 59.4992 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, 134, 80) }
```


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

```
.border{ border-color:rgb(222, 134, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 134, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 134, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 134, 80);  
box-shadow:4px 4px 4px 4px rgb(222, 134,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 154.1560, -36.5589, 59.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 134, 80) }
```

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

```
.background{ background-color: rgb(222,  
134, 80) }
```

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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