

Converting Colors

YUV(146.6470, -61.4510,
63.4536)

Have a look what the booklet for
YUV(146.6470, -61.4510, 63.4536)
contains.

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Color

**YUV(146.6470, -61.4510,
63.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8616
RGB	219, 134, 22
RGB Percent	86%, 53%, 9%
CMY	0.1412, 0.4745, 0.9137
CMYK	0.00, 0.39, 0.90, 0.14
HSL	34°, 82%, 47%
HSV	34°, 90%, 86%
XYZ	37.8833, 32.1682, 4.9715
YIQ	146.6470, 86.6120, -16.8120

Conversions

Conversions Part 2

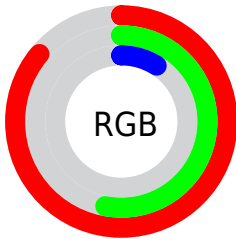
Format	Color
RYB	172, 219, 22
Decimal	14386710
CIELab	63.48, 25.37, 65.55
CIElCh	63, 70.293, 68.842
Yxy	32.1682, 0.5050, 0.4288
Android (android.graphics.Color)	4292576790 (0xFFDB8616)
YUV	146.6470, -61.4510, 63.4536
Hunter-Lab	56.7170, 19.9718, 34.5049

Details

The YUV color **146.6470, -61.4510, 63.4536** 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 **94.3530, 61.4510, -63.4536**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.2480, -56.3243, 52.4025**, and **96.5500, -47.5991, 53.8917** is the 20% darker color. If you saturate the color by 10%, you get **138.8560, -68.4560, 70.2863**, and if you desaturate by 10%, it is **154.4380, -54.4459, 56.6209**.

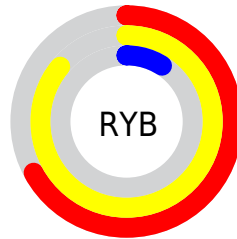
Distribution



Red (86%)

Green (53%)

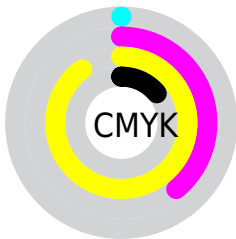
Blue (9%)



Red (67%)

Yellow (86%)

Blue (9%)

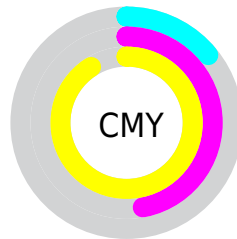


Cyan (0%)

Magenta (39%)

Yellow (90%)

Black (14%)



Cyan (14%)

Magenta (47%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.6470, -61.4510, 63.4536 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 146.6470, -61.4510, 63.4536 by changing the saturation by 10% instead.

146.6470,
-61.4510, 63.4536

146.6470,
-61.4510, 63.4536

255.0000, 0.0000,
0.0000

119.6080,
-58.9667, 59.9798

195.2480,
-56.3243, 52.4025

96.5500, -47.5991,
53.8917

214.7620,
-52.6337, 35.2887

73.4920, -36.2316,
47.8035

234.8630,
-49.2325, 17.6601

51.3200, -25.3008,
41.8154

244.5120,
-40.1854, 9.1980

29.7350, -14.6594,
35.3124

247.7040,
-27.9551, 6.3986

13.4550, -6.6333,
27.6650

250.8960,

0.0000, 0.0000,

-15.7247, 3.5992

0.0000

254.3160, -2.6208,
0.5999

146.6470,
-61.4510, 63.4536

146.6470,
-61.4510, 63.4536

138.8560,
-68.4560, 70.2863

154.4380,
-54.4459, 56.6209

162.8160,
-47.7303, 49.2734

170.6070,
-40.7253, 42.4407

178.9850,
-34.0096, 35.0932

186.7760,
-27.0046, 28.2604

■ 195.0400,
-20.7257, 21.0129

■ 202.8310,
-13.7207, 14.1802

■ 211.2090, -7.0050,
6.8327

■ 219.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.9460, -34.4834, 93.8864



146.6470, -61.4510, 63.4536



142.0920, -70.0514, 21.8443

Triad

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



146.6470, -61.4510, 63.4536



126.9150, 21.7339, -111.3045



157.3850, 46.6452, 18.9564

Complementary

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



146.6470, -61.4510, 63.4536



94.3530, 61.4510, -63.4536

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.



120.0550, 66.5279, -105.2882



146.6470, -61.4510, 63.4536



132.5810, 48.5206, -116.2735

Square

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



146.6470, -61.4510, 63.4536



117.7440, -5.7898, -103.2615



130.0340, 61.6082, -114.0398



153.8580, 22.7480, 77.3005

Rectangle

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



146.6470, -61.4510, 63.4536



138.3140, -56.8498, -12.5534



130.0340, 61.6082, -114.0398



153.7300, 49.9261, -6.7792

Sweetspot

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



146.6470, -61.4510, 63.4536



229.5240, -21.4573, 22.3425



90.5930, 8.0887, 112.6129



112.7600, -12.6997, 13.3655



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.



146.6470, -61.4510, 63.4536



161.3600, -79.5505, 82.1223



192.6550, -84.1329, 11.7036



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.



94.3530, 61.4510, -63.4536



93.6400, 79.5505, -82.1223



48.3450, 84.1329, -11.7036



102.6020, 3.6472, -3.1590



63.7470, 53.8617, -55.9061



16.9840, 14.3049, -14.8950

Previews

White Background



This preview shows how the YUV color 146.6470, -61.4510, 63.4536 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 146.6470, -61.4510, 63.4536 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 146.6470, -61.4510, 63.4536

Background



This preview shows how black text looks on a background with the YUV color 146.6470, -61.4510, 63.4536.



This preview shows how white text looks on a background with the YUV color 146.6470, -61.4510, 63.4536.

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

146.6470, -61.4510, 63.4536

Protanopia

146.2030, -58.2741, 24.3780

Deuteranopia

144.3490, -69.6851, 44.4209



Tritanopia

155.6270, -10.6621, 59.9631

Trichromacy



Original Color

146.6470, -61.4510, 63.4536

Protanomaly

146.0630, -59.1911, 38.5327

Deuteranomaly

145.4900, -66.7966, 51.3133

Tritanomaly

152.1160, -29.1442, 61.2883

Monochromacy



Original Color

146.6470, -61.4510, 63.4536

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7090, -22.0415, 23.0572

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.6470, -61.4510, 63.4536 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(219, 134, 22)` looks like.

```
.text, #text, p{  
    color:rgb(219, 134, 22)  
}
```

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(219, 134, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 134, 22) }
```

Border

The CSS property to change the border of an element to YUV 146.6470, -61.4510, 63.4536 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(219, 134, 22) }
```


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

```
.border{ border-color:rgb(219, 134, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 134, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 134, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 134, 22);  
box-shadow:4px 4px 4px 4px rgb(219, 134,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 146.6470, -61.4510, 63.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 134, 22) }
```

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

```
.background{ background-color: rgb(219,  
134, 22) }
```

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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