

Converting Colors

YUV(146.2060, -42.4996,
51.5623)

Have a look what the booklet for
YUV(146.2060, -42.4996, 51.5623)
contains.

YUV(146.2060, -42.4996, 51.5623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.2060, -42.4996,
51.5623)**

Conversions

Conversions Part 1

Format	Color
Hex	CD853C
RGB	205, 133, 60
RGB Percent	80%, 52%, 24%
CMY	0.1961, 0.4784, 0.7647
CMYK	0.00, 0.35, 0.71, 0.20
HSL	30°, 59%, 52%
HSV	30°, 71%, 80%
XYZ	34.3800, 30.0804, 8.2690
YIQ	146.2060, 66.3450, -7.4390

Conversions

Conversions Part 2

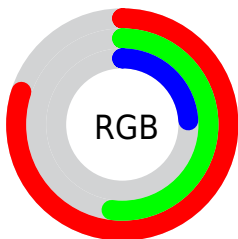
Format	Color
RYB	203, 205, 60
Decimal	13468988
CIELab	61.72, 21.24, 49.31
CIElCh	62, 53.690, 66.698
Yxy	30.0804, 0.4727, 0.4136
Android (android.graphics.Color)	4291659068 (0xFFCD853C)
YUV	146.2060, -42.4996, 51.5623
Hunter-Lab	54.8456, 15.9128, 29.4528

Details

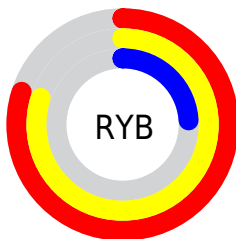
The YUV color **146.2060, -42.4996, 51.5623** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **118.7940, 42.4996, -51.5623**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0810, -42.9309, 49.9180**, and **92.9450, -43.3569, 46.5292** is the 20% darker color. If you saturate the color by 10%, you get **137.9420, -48.7784, 58.8099**, and if you desaturate by 10%, it is **154.4700, -36.2207, 44.3148**.

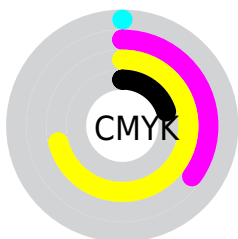
Distribution



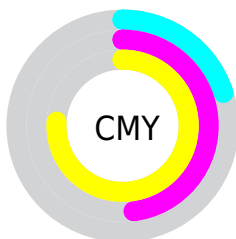
- Red (80%)
- Green (52%)
- Blue (24%)



- Red (80%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (71%)
- Black (20%)





- Cyan (20%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.2060, -42.4996, 51.5623 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 146.2060, -42.4996, 51.5623 by changing the saturation by 10% instead.


 146.2060,
-42.4996, 51.5623


 146.2060,
-42.4996, 51.5623


255.0000, 0.0000,
0.0000


 119.7110,
-41.7625, 48.4885


 198.0810,
-42.9309, 49.9180


 92.9450, -43.3569,
46.5292


 217.4810,
-39.6771, 32.9042


 70.2030, -34.6101,
41.0410


 237.5820,
-36.2759, 15.2756

 48.3300, -23.8267,
35.6676

 247.8180,
-27.5183, 6.2986

 27.9300, -13.7695,
29.8794

 251.0100,
-15.2879, 3.4992

 11.3620, -5.6015,
23.3615

 254.3160, -2.6208,

 0.0000, 0.0000,

0.5999

0.0000

■ 146.2060,
-42.4996, 51.5623

■ 146.2060,
-42.4996, 51.5623

■ 137.9420,
-48.7784, 58.8099

■ 154.4700,
-36.2207, 44.3148

■ 129.7920,
-54.6205, 65.9574

■ 162.6200,
-30.3787, 37.1673

■ 121.7560,
-60.0257, 73.0050

■ 171.4710,
-24.3892, 29.4049

■ 179.6210,
-18.5472, 22.2574

■ 187.8850,
-12.2683, 15.0099

■ 196.0350, -6.4263,
7.8623

■ 204.2990, -0.1474,
0.6148

■ 212.4490, 5.6946,
-6.5328

■ 221.3000, 11.6841,
-14.2951

Harmonies

Analogous

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



147.4040, -25.8352, 73.3137



146.2060, -42.4996, 51.5623



142.8570, -46.7645, 19.4194

Triad

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



146.2060, -42.4996, 51.5623



119.0900, 19.6756, -104.4419



152.8820, 36.0472, 11.5045

Complementary

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



146.2060, -42.4996, 51.5623



118.7940, 42.4996, -51.5623

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.



138.8780, 51.8251, -56.0210



146.2060, -42.4996, 51.5623



123.7470, 40.0577, -108.5261

Square

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



146.2060, -42.4996, 51.5623



122.1970, -6.0131, -78.2258



123.1720, 55.6242, -108.0218



152.6350, 17.4349, 54.6941

Rectangle

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



146.2060, -42.4996, 51.5623



139.7120, -40.2840, -5.8864



123.1720, 55.6242, -108.0218



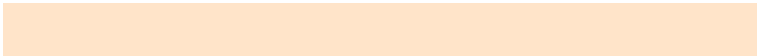
150.7270, 41.0536, -7.6536

Sweetspot

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



146.2060, -42.4996, 51.5623



232.9950, -15.7735, 19.2984



111.5630, 10.0754, 81.9442



114.9600, -9.3473, 11.4361



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.



146.2060, -42.4996, 51.5623



166.8660, -63.5309, 77.2935



188.4700, -63.3357, 14.4968



97.9250, -2.9210, 3.5738



98.3550, -48.4890, 59.3247



22.5150, -11.0999, 13.5803

Inverse Universe

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



118.7940, 42.4996, -51.5623



126.1340, 63.5309, -77.2935



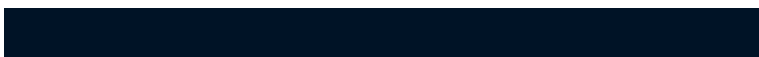
76.5300, 63.3357, -14.4968



96.0750, 2.9210, -3.5738



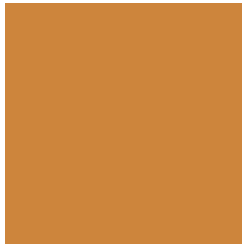
67.0580, 48.7784, -58.8099



15.4850, 11.0999, -13.5803

Previews

White Background



This preview shows how the YUV color 146.2060, -42.4996, 51.5623 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 146.2060, -42.4996, 51.5623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

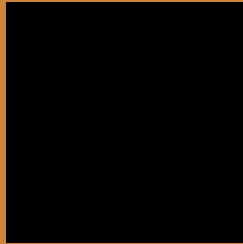
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 146.2060, -42.4996, 51.5623

Background



This preview shows how black text looks on a background with the YUV color 146.2060, -42.4996, 51.5623.



This preview shows how white text looks on a background with the YUV color 146.2060, -42.4996,

51.5623.

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

146.2060, -42.4996, 51.5623

Protanopia

145.0940, -39.4863, 18.3346

Deuteranopia

145.4660, -43.6137, 35.5483



Tritanopia

151.4410, -8.5984, 51.3562

Trichromacy



Original Color

146.2060, -42.4996, 51.5623

Protanomaly

145.5300, -40.6873, 30.2302

Deuteranomaly

145.9120, -43.3406, 41.2962

Tritanomaly

149.5260, -20.9653, 51.2817

Monochromacy



Original Color

146.2060, -42.4996, 51.5623

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.8100, -15.1893, 18.5836

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2060, -42.4996, 51.5623 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(205, 133, 60)` looks like.

```
.text, #text, p{  
    color:rgb(205, 133, 60)  
}
```

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(205, 133, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 133, 60) }
```

Border

The CSS property to change the border of an element to YUV 146.2060, -42.4996, 51.5623 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(205, 133, 60) }
```


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

```
.border{ border-color:rgb(205, 133, 60) }
```

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

Here you see how a box with a 4 pixel rgb(205, 133, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 133, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 133, 60);  
box-shadow:4px 4px 4px 4px rgb(205, 133,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 146.2060, -42.4996, 51.5623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 133, 60) }
```

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

```
.background{ background-color: rgb(205,  
133, 60) }
```

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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