

Converting Colors

YUV(142.2480, -36.1113,
55.9105)

Have a look what the booklet for
YUV(142.2480, -36.1113, 55.9105)
contains.

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Color

**YUV(142.2480, -36.1113,
55.9105)**

Conversions

Conversions Part 1

Format	Color
Hex	CE7C45
RGB	206, 124, 69
RGB Percent	81%, 49%, 27%
CMY	0.1922, 0.5137, 0.7294
CMYK	0.00, 0.40, 0.67, 0.19
HSL	24°, 58%, 54%
HSV	24°, 67%, 81%
XYZ	33.7354, 27.9668, 9.2503
YIQ	142.2480, 66.5270, 0.2790

Conversions

Conversions Part 2

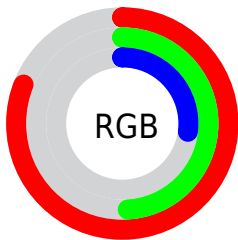
Format	Color
R _Y B	206, 161, 69
Decimal	13532229
CIE _{Lab}	59.86, 27.04, 42.87
CIE _{LCh}	60, 50.683, 57.762
Yxy	27.9668, 0.4755, 0.3942
Android (android.graphics.Color)	4291722309 (0xFFCE7C45)
YUV	142.2480, -36.1113, 55.9105
Hunter-Lab	52.8836, 21.3220, 26.6477

Details

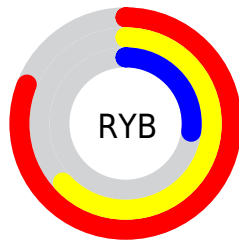
The YUV color **142.2480, -36.1113, 55.9105** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **132.7520, 36.1113, -55.9105**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7100, -36.8320, 53.7513**, and **89.7850, -33.9110, 50.1776** is the 20% darker color. If you saturate the color by 10%, you get **132.8100, -41.8113, 64.1876**, and if you desaturate by 10%, it is **151.6860, -30.4112, 47.6334**.

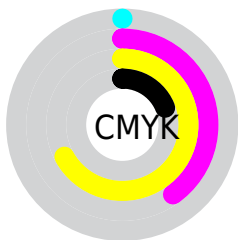
Distribution



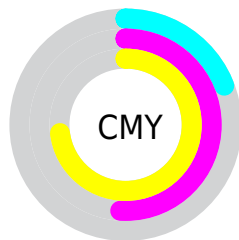
- Red (81%)
- Green (49%)
- Blue (27%)



- Red (81%)
- Yellow (63%)
- Blue (27%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (19%)





- Cyan (19%)
- Magenta (51%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 142.2480, -36.1113, 55.9105 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 142.2480, -36.1113, 55.9105 by changing the saturation by 10% instead.


 142.2480,
-36.1113, 55.9105


 142.2480,
-36.1113, 55.9105


255.0000, 0.0000,
0.0000


 115.8670,
-34.9374, 52.7366


 193.7100,
-36.8320, 53.7513


 89.7850, -33.9110,
50.1776


 213.1100,
-33.5782, 36.7375


 65.2190, -32.1530,
46.2889


 232.6240,
-29.8876, 19.6238

 43.3460, -21.3696,
40.9156

 248.7300,
-24.0239, 5.4988

 20.8860, -10.2968,
36.0570

 251.9220,
-11.7935, 2.6994

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 142.2480,
-36.1113, 55.9105

■ 142.2480,
-36.1113, 55.9105

■ 132.8100,
-41.8113, 64.1876

■ 151.6860,
-30.4112, 47.6334

■ 122.8990,
-46.7852, 72.8796

■ 161.5970,
-25.4373, 38.9414

■ 113.4610,
-52.4853, 81.1567

■ 171.0350,
-19.7373, 30.6643

■ 110.3150,
-54.3853, 83.9157

■ 180.3590,
-14.4740, 22.4872

■ 190.3840, -9.0633,
13.6952

■ 199.8220, -3.3632,
5.4181

■ 209.1460, 1.9000,
-2.7590

■ 219.1710, 7.3107,
-11.5510

■ 228.4950, 12.5740,
-19.7281

Harmonies

Analogous

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



143.2280, -18.8464, 71.7140



142.2480, -36.1113, 55.9105



139.8950, -44.3182, 28.1561

Triad

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



142.2480, -36.1113, 55.9105



113.2880, 12.6760, -99.3536



145.9400, 37.9906, -5.2094

Complementary

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



142.2480, -36.1113, 55.9105



132.7520, 36.1113, -55.9105

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.



122.6850, 54.3853, -83.9157



142.2480, -36.1113, 55.9105



118.4180, 32.3319, -103.8526

Square

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



142.2480, -36.1113, 55.9105



126.5550, -15.5566, -50.4757



119.4730, 49.0668, -104.7778



148.5840, 21.4041, 41.5838

Rectangle

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



142.2480, -36.1113, 55.9105



137.2620, -41.0482, 5.9092



119.4730, 49.0668, -104.7778



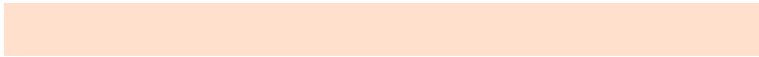
142.6710, 42.5602, -24.2675

Sweetspot

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



142.2480, -36.1113, 55.9105



230.9890, -13.3056, 21.0576



119.3110, 15.6227, 76.0263



113.3130, -8.0423, 12.8805



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.



142.2480, -36.1113, 55.9105



160.1300, -53.8011, 83.2010



182.1640, -55.7899, 20.9042



97.3380, -2.6316, 4.0886



88.9630, -43.8588, 67.5614



20.1670, -9.9423, 15.6395

Inverse Universe

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



132.7520, 36.1113, -55.9105



145.8700, 53.8011, -83.2010



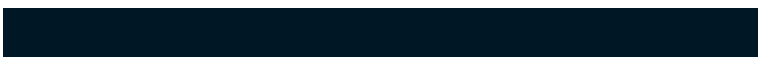
92.8360, 55.7899, -20.9042



96.6620, 2.6316, -4.0886



77.0370, 43.8588, -67.5614



17.8330, 9.9423, -15.6395

Previews

White Background



This preview shows how the YUV color 142.2480, -36.1113, 55.9105 looks on a white background.

Color Contrast Check

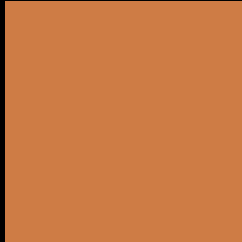
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.2480, -36.1113, 55.9105 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 × Fail

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

YUV 142.2480, -36.1113, 55.9105

Background



This preview shows how black text looks on a background with the YUV color 142.2480, -36.1113, 55.9105.



This preview shows how white text looks on a background with the YUV color 142.2480, -36.1113,

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

142.2480, -36.1113, 55.9105

Protanopia

141.6190, -32.3502, 16.1201

Deuteranopia

142.0510, -37.4931, 32.4043



Tritanopia

145.8330, -9.7777, 56.2745

Trichromacy



Original Color

142.2480, -36.1113, 55.9105

Protanomaly

141.6640, -33.8514, 30.9897

Deuteranomaly

142.2200, -37.0835, 41.0261

Tritanomaly

144.9010, -19.6712, 56.2148

Monochromacy



Original Color

142.2480, -36.1113, 55.9105

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

141.6900, -13.1582, 20.4429

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.2480, -36.1113, 55.9105 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(206, 124, 69)` looks like.

```
.text, #text, p{  
    color:rgb(206, 124, 69)  
}
```

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(206, 124, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 124, 69) }
```

Border

The CSS property to change the border of an element to YUV 142.2480, -36.1113, 55.9105 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(206, 124, 69) }
```


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

```
.border{ border-color:rgb(206, 124, 69) }
```

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

Here you see how a box with a 4 pixel rgb(206, 124, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 124, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 124, 69);  
box-shadow:4px 4px 4px 4px rgb(206, 124,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 142.2480, -36.1113, 55.9105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 124, 69) }
```

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

```
.background{ background-color: rgb(206,  
124, 69) }
```

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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