

Converting Colors

YUV(136.3370, -24.3231,
54.9555)

Have a look what the booklet for
YUV(136.3370, -24.3231, 54.9555)
contains.

YUV(136.3370, -24.3231, 54.9555)	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(136.3370, -24.3231,
54.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	C77257
RGB	199, 114, 87
RGB Percent	78%, 45%, 34%
CMY	0.2196, 0.5529, 0.6588
CMYK	0.00, 0.43, 0.56, 0.22
HSL	14°, 50%, 56%
HSV	14°, 56%, 78%
XYZ	31.2908, 24.8649, 12.1670
YIQ	136.3370, 59.3270, 9.6230

Conversions

Conversions Part 2

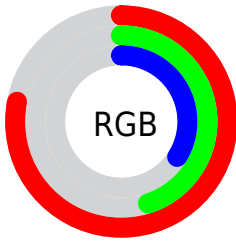
Format	Color
RYB	199, 123, 87
Decimal	13070935
CIELab	56.94, 30.83, 29.43
CIElCh	57, 42.627, 43.667
Yxy	24.8649, 0.4580, 0.3639
Android (android.graphics.Color)	4291261015 (0xFFC77257)
YUV	136.3370, -24.3231, 54.9555
Hunter-Lab	49.8647, 24.7481, 20.4385

Details

The YUV color **136.3370, -24.3231, 54.9555** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **149.6630, 24.3231, -54.9555**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8920, -26.0758, 57.0997**, and **84.4010, -21.3967, 49.6373** is the 20% darker color. If you saturate the color by 10%, you get **125.2520, -28.7182, 64.6770**, and if you desaturate by 10%, it is **147.4220, -19.9280, 45.2339**.

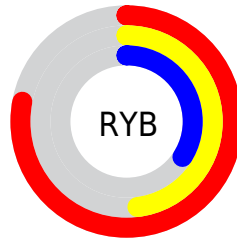
Distribution



Red (78%)

Green (45%)

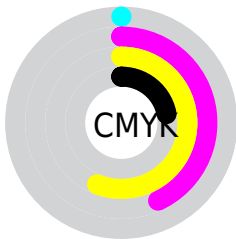
Blue (34%)



Red (78%)

Yellow (48%)

Blue (34%)

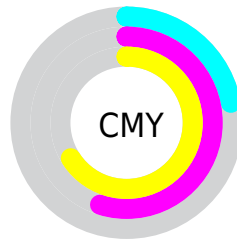


Cyan (0%)

Magenta (43%)

Yellow (56%)

Black (22%)



Cyan (22%)

Magenta (55%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.3370, -24.3231, 54.9555 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 136.3370, -24.3231, 54.9555 by changing the saturation by 10% instead.

■ 136.3370,
-24.3231, 54.9555

■ 136.3370,
-24.3231, 54.9555

■ 255.0000, 0.0000,
0.0000

■ 110.2550,
-23.2967, 52.3964

■ 189.8920,
-26.0758, 57.0997

■ 84.4010, -21.3967,
49.6373

■ 208.8190,
-22.0958, 40.5007

■ 59.4330, -19.9335,
46.9783

■ 228.9200,
-18.6946, 22.8722

■ 34.5190, -17.0179,
45.1488

■ 248.5480,
-14.5672, 5.6584

■ 17.3420, -8.5496,
35.6571

■ 254.0880, -3.4944,
0.7998

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,

0.0000

■ 136.3370,
-24.3231, 54.9555

■ 136.3370,
-24.3231, 54.9555

■ 125.2520,
-28.7182, 64.6770

■ 147.4220,
-19.9280, 45.2339

■ 114.1670,
-33.1133, 74.3985

■ 158.5070,
-15.5330, 35.5124

■ 103.0820,
-37.5084, 84.1201

■ 169.5920,
-11.1379, 25.7908

■ 91.9970, -41.9035,
93.8416

■ 180.6770, -6.7428,
16.0693

■ 87.6770, -43.2248,
97.6303

■ 192.3490, -2.6371,
5.8329

■ 203.3200, 1.3212,
-3.7886

■ 214.4050, 5.7163,
-13.5102

■ 225.4900, 10.1114,
-23.2317

■ 235.3210, 9.7017,
-31.8535

Harmonies

Analogous

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



137.9090, -8.3361, 60.5928



136.3370, -24.3231, 54.9555



134.4690, -34.7412, 36.4227

Triad

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



136.3370, -24.3231, 54.9555



115.6530, -0.8149, -65.4707



134.4660, 36.7453, -25.8417

Complementary

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



136.3370, -24.3231, 54.9555



149.6630, 24.3231, -54.9555

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.



109.3000, 48.1661, -95.8561



136.3370, -24.3231, 54.9555



109.0140, 21.6851, -95.6053

Square

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



136.3370, -24.3231, 54.9555



126.8960, -22.6267, -22.7108



111.1290, 37.4044, -97.4601



140.6520, 24.8216, 18.7222

Rectangle

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



136.3370, -24.3231, 54.9555



132.7180, -35.8500, 18.6643



111.1290, 37.4044, -97.4601



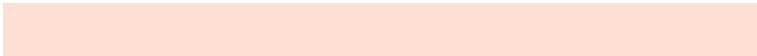
129.5670, 40.1465, -43.4703

Sweetspot

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



136.3370, -24.3231, 54.9555



230.7270, -9.2324, 21.2874



130.2920, 21.0550, 60.2569



113.2960, -5.5689, 12.8954



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.



136.3370, -24.3231, 54.9555



157.7940, -37.3664, 85.2497



168.6220, -40.2396, 26.6415



93.8650, -1.9054, 4.5034



71.6300, -35.3136, 80.1315



16.0470, -7.9112, 17.4988

Inverse Universe

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



149.6630, 24.3231, -54.9555



178.6190, 37.6558, -84.7349



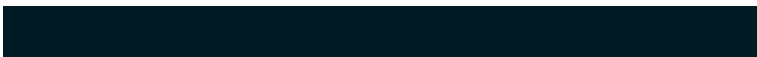
117.3780, 40.2396, -26.6415



95.1350, 1.9054, -4.5034



91.3700, 35.3136, -80.1315



19.9530, 7.9112, -17.4988

Previews

White Background



This preview shows how the YUV color 136.3370, -24.3231, 54.9555 looks on a white background.

Color Contrast Check

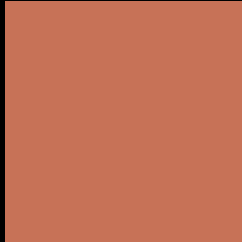
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3370, -24.3231, 54.9555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

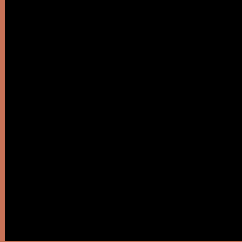
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.3370, -24.3231, 54.9555

Background



This preview shows how black text looks on a background with the YUV color 136.3370, -24.3231, 54.9555.



This preview shows how white text looks on a background with the YUV color 136.3370, -24.3231,

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

136.3370, -24.3231, 54.9555

Protanopia

135.6150, -19.5302, 10.8616

Deuteranopia

136.1070, -25.6888, 26.2162



Tritanopia

138.1210, -9.9197, 55.1449

Trichromacy



Original Color

136.3370, -24.3231, 54.9555

Protanomaly

136.2580, -21.3262, 26.9607

Deuteranomaly

136.2870, -25.2845, 36.5823

Tritanomaly

137.1550, -14.8664, 55.1151

Monochromacy



Original Color

136.3370, -24.3231, 54.9555

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1290, -8.9376, 20.0579

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.3370, -24.3231, 54.9555 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(199, 114, 87)` looks like.

```
.text, #text, p{  
    color:rgb(199, 114, 87)  
}
```

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(199, 114, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 114, 87) }
```

Border

The CSS property to change the border of an element to YUV 136.3370, -24.3231, 54.9555 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(199, 114, 87) }
```


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

```
.border{ border-color:rgb(199, 114, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 114, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 114, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 114, 87);  
box-shadow:4px 4px 4px 4px rgb(199, 114,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 136.3370, -24.3231, 54.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 114, 87) }
```

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

```
.background{ background-color: rgb(199,  
114, 87) }
```

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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