

Converting Colors

YUV(155.7320, -36.8429,
57.2400)

Have a look what the booklet for
YUV(155.7320, -36.8429, 57.2400)
contains.

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Color

**YUV(155.7320, -36.8429,
57.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8951
RGB	221, 137, 81
RGB Percent	87%, 54%, 32%
CMY	0.1333, 0.4627, 0.6824
CMYK	0.00, 0.38, 0.63, 0.13
HSL	24°, 67%, 59%
HSV	24°, 63%, 87%
XYZ	40.2497, 33.8576, 12.1984
YIQ	155.7320, 68.0400, 0.3920

Conversions

Conversions Part 2

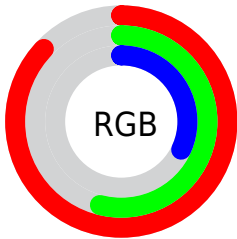
Format	Color
R_{YB}	221, 174, 81
Decimal	14518609
CIE _{Lab}	64.85, 26.98, 42.98
CIE _{LCh}	65, 50.749, 57.879
Yxy	33.8576, 0.4664, 0.3923
Android (android.graphics.Color)	4292708689 (0xFFDD8951)
YUV	155.7320, -36.8429, 57.2400
Hunter-Lab	58.1872, 21.6455, 28.3015

Details

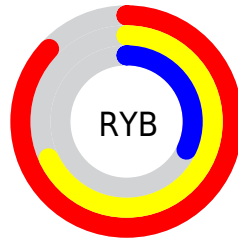
The YUV color **155.7320, -36.8429, 57.2400** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **146.2680, 36.8429, -57.2400**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.4100, -35.2051, 45.2444**, and **102.3830, -34.2058, 51.4071** is the 20% darker color. If you saturate the color by 10%, you get **145.5930, -42.6903, 66.1319**, and if you desaturate by 10%, it is **165.8710, -30.9954, 48.3481**.

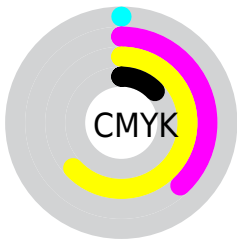
Distribution



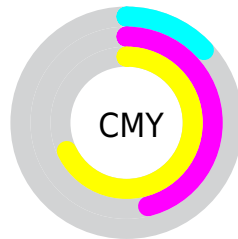
- Red (87%)
- Green (54%)
- Blue (32%)



- Red (87%)
- Yellow (68%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (13%)



- Cyan (13%)
- Magenta (46%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7320, -36.8429, 57.2400 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 155.7320, -36.8429, 57.2400 by changing the saturation by 10% instead.

■ 155.7320,
-36.8429, 57.2400

■ 155.7320,
-36.8429, 57.2400

■ 255.0000, 0.0000,
0.0000

■ 128.7640,
-35.3797, 54.5810

■ 203.4100,
-35.2051, 45.2444

■ 102.3830,
-34.2058, 51.4071

■ 222.8100,
-31.9513, 28.2306

■ 76.6600, -34.3424,
48.5332

■ 243.0250,
-28.1133, 10.5021

■ 53.9890, -26.6166,
43.8596

■ 250.3260,
-17.9087, 4.0991

■ 32.1160, -15.8332,
38.4863

■ 253.5180, -5.6784,
1.2997

■ 14.6510, -7.2229,
30.1241

■ 3.5880, -1.7689,

7.3773

■ 0.0000, 0.0000,
0.0000

■ 155.7320,
-36.8429, 57.2400

■ 155.7320,
-36.8429, 57.2400

■ 145.5930,
-42.6903, 66.1319

■ 165.8710,
-30.9954, 48.3481

■ 134.8670,
-48.2484, 75.5386

■ 176.5970,
-25.4373, 38.9414

■ 124.7280,
-54.0959, 84.4305

■ 186.7360,
-19.5898, 30.0495

■ 117.7350,
-58.0434, 90.5634

■ 196.8750,
-13.7424, 21.1576

■ 207.1280, -7.4581,
12.1657

■ 217.8540, -1.9000,
2.7590

■ 227.9930, 3.9475,
-6.1329

■ 237.7900, 8.4845,
-14.7248

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



156.7120, -19.5780, 73.0436



155.7320, -36.8429, 57.2400



153.1940, -44.4656, 28.7709

Triad

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



155.7320, -36.8429, 57.2400



122.9880, 14.3029, -107.8605



159.7660, 38.5694, -4.1798

Complementary

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



155.7320, -36.8429, 57.2400



146.2680, 36.8429, -57.2400

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.



140.6970, 52.9004, -74.2793



155.7320, -36.8429, 57.2400



127.6450, 34.6850, -111.9447

Square

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



155.7320, -36.8429, 57.2400



140.3270, -16.4302, -50.2758



128.7000, 51.4199, -112.8699



161.9970, 21.6935, 42.0986

Rectangle

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



155.7320, -36.8429, 57.2400



150.2620, -41.0482, 5.9092



128.7000, 51.4199, -112.8699



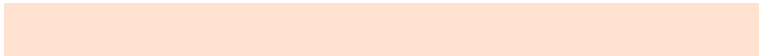
156.1980, 43.2864, -23.8526

Sweetspot

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



155.7320, -36.8429, 57.2400



232.5050, -12.5740, 19.7281



132.4360, 16.0541, 77.6706



114.0140, -7.8949, 12.2657



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.



155.7320, -36.8429, 57.2400



164.7920, -51.1695, 79.1124



196.8220, -57.1002, 21.2041



104.6370, -2.7790, 4.7034



92.2300, -45.4694, 70.8353



24.3200, -11.9898, 19.0134

Inverse Universe

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



146.2680, 36.8429, -57.2400



151.2080, 51.1695, -79.1124



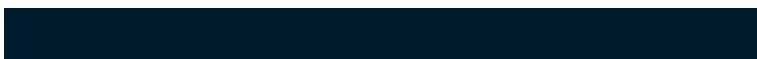
105.1780, 57.1002, -21.2041



103.7760, 3.0684, -4.1886



80.7700, 45.4694, -70.8353



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 155.7320, -36.8429, 57.2400 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 155.7320, -36.8429, 57.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

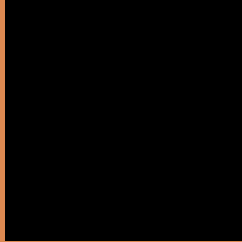
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.7320, -36.8429, 57.2400

Background



This preview shows how black text looks on a background with the YUV color 155.7320, -36.8429, 57.2400.



This preview shows how white text looks on a background with the YUV color 155.7320, -36.8429, 57.2400.

57.2400.

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

155.7320, -36.8429, 57.2400

Protanopia

154.5050, -32.7870, 16.2201

Deuteranopia

154.9480, -37.9354, 34.2486



Tritanopia

159.5450, -9.6357, 57.4040

Trichromacy



Original Color

155.7320, -36.8429, 57.2400

Protanomaly

154.5500, -34.2881, 31.0897

Deuteranomaly

155.1170, -37.5257, 42.8704

Tritanomaly

158.6130, -19.5292, 57.3444

Monochromacy



Original Color

155.7320, -36.8429, 57.2400

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9890, -13.3056, 21.0576

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7320, -36.8429, 57.2400 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(221, 137, 81)` looks like.

```
.text, #text, p{  
    color:rgb(221, 137, 81)  
}
```

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(221, 137, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 137, 81) }
```

Border

The CSS property to change the border of an element to YUV 155.7320, -36.8429, 57.2400 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(221, 137, 81) }
```


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

```
.border{ border-color:rgb(221, 137, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 137, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 137, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 137, 81);  
box-shadow:4px 4px 4px 4px rgb(221, 137,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 155.7320, -36.8429, 57.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 137, 81) }
```

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

```
.background{ background-color: rgb(221,  
137, 81) }
```

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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