

Converting Colors

YUV(156.2150, -36.0950,
50.6774)

Have a look what the booklet for
YUV(156.2150, -36.0950, 50.6774)
contains.

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Color

**YUV(156.2150, -36.0950,
50.6774)**

Conversions

Conversions Part 1

Format	Color
Hex	D68D53
RGB	214, 141, 83
RGB Percent	84%, 55%, 33%
CMY	0.1608, 0.4471, 0.6745
CMYK	0.00, 0.34, 0.61, 0.16
HSL	27°, 62%, 58%
HSV	27°, 61%, 84%
XYZ	38.8178, 33.9704, 12.6946
YIQ	156.2150, 62.1260, -2.5620

Conversions

Conversions Part 2

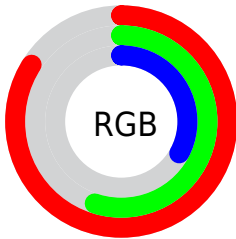
Format	Color
RYB	214, 187, 83
Decimal	14060883
CIELab	64.94, 22.09, 41.85
CIELCh	65, 47.318, 62.170
Yxy	33.9704, 0.4541, 0.3974
Android (android.graphics.Color)	4292250963 (0xFFD68D53)
YUV	156.2150, -36.0950, 50.6774
Hunter-Lab	58.2842, 16.8853, 27.8852

Details

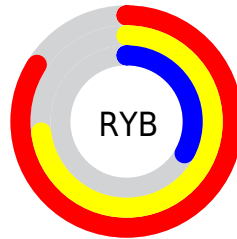
The YUV color **156.2150, -36.0950, 50.6774** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **140.7850, 36.0950, -50.6774**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.9860, -35.4891, 42.9853**, and **103.1650, -33.6053, 45.4593** is the 20% darker color. If you saturate the color by 10%, you get **146.7770, -41.7951, 58.9546**, and if you desaturate by 10%, it is **165.6530, -30.3949, 42.4003**.

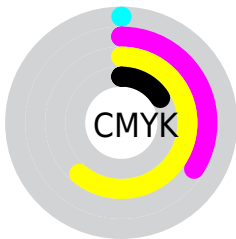
Distribution



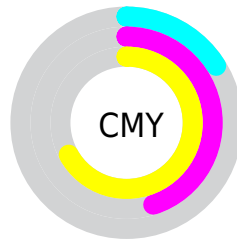
- Red (84%)
- Green (55%)
- Blue (33%)



- Red (84%)
- Yellow (73%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (61%)
- Black (16%)



- Cyan (16%)
- Magenta (45%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.2150, -36.0950, 50.6774 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 156.2150, -36.0950, 50.6774 by changing the saturation by 10% instead.

156.2150,
-36.0950, 50.6774

156.2150,
-36.0950, 50.6774

255.0000, 0.0000,
0.0000

129.2470,
-34.6318, 48.0184

205.9860,
-35.4891, 42.9853

103.1650,
-33.6053, 45.4593

225.5000,
-31.7985, 25.8715

78.3280, -34.1787,
42.6853

245.6010,
-28.3973, 8.2429

55.4290, -27.3265,
38.2118

250.5540,
-17.0351, 3.8991

34.1430, -16.8325,
32.3236

253.8600, -4.3680,
0.9998

13.4550, -6.6333,
27.6650

0.2990, -0.1474,

0.6148

0.0000, 0.0000,
0.0000

156.2150,
-36.0950, 50.6774

156.2150,
-36.0950, 50.6774

146.7770,
-41.7951, 58.9546

165.6530,
-30.3949, 42.4003

137.2250,
-47.9319, 67.3317

175.2050,
-24.2581, 34.0232

127.7870,
-53.6320, 75.6088

184.6430,
-18.5580, 25.7461

119.7510,
-59.0372, 82.6564

194.1950,
-12.4211, 17.3690

203.6330, -6.7211,
9.0919

■ 213.0710, -1.0210,
0.8147

■ 222.0360, 5.4053,
-7.0476

■ 231.4740, 11.1053,
-15.3247

■ 238.6320, 8.0694,
-21.6023

Harmonies

Analogous

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



157.6250, -21.0141, 66.9809



156.2150, -36.0950, 50.6774



153.3720, -41.1024, 23.3528

Triad

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



156.2150, -36.0950, 50.6774



123.1990, 17.6499, -108.0455



160.5560, 33.7429, 3.8974

Complementary

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



156.2150, -36.0950, 50.6774



140.7850, 36.0950, -50.6774

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.



148.4070, 46.1413, -52.9769



156.2150, -36.0950, 50.6774



127.4000, 36.2848, -111.7298

Square

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



156.2150, -36.0950, 50.6774



140.4560, -12.0568, -53.0199



127.4120, 51.5619, -111.7403



162.2700, 17.6149, 43.6132

Rectangle

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



156.2150, -36.0950, 50.6774



150.9670, -36.9587, 0.9059



127.4120, 51.5619, -111.7403



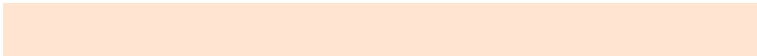
158.2980, 38.3071, -13.4163

Sweetspot

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



156.2150, -36.0950, 50.6774



234.4940, -12.5685, 17.9838



130.6050, 13.0127, 73.1374



115.3020, -8.0369, 11.1361



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.



156.2150, -36.0950, 50.6774



172.7480, -51.1478, 72.1350



193.7830, -54.6160, 17.7303



102.2240, -3.0684, 4.1886



95.7410, -47.2003, 66.0021



24.0100, -11.8369, 16.6542

Inverse Universe

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



140.7850, 36.0950, -50.6774



151.2520, 51.1478, -72.1350



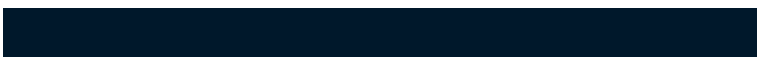
103.2170, 54.6160, -17.7303



100.7760, 3.0684, -4.1886



75.2590, 47.2003, -66.0021



18.9900, 11.8369, -16.6542

Previews

White Background



This preview shows how the YUV color 156.2150, -36.0950, 50.6774 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 156.2150, -36.0950, 50.6774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

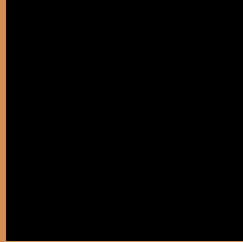
Any Text WCAG AA ✓ Pass

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 156.2150, -36.0950, 50.6774 Background



This preview shows how black text looks on a background with the YUV color 156.2150, -36.0950, 50.6774.



This preview shows how white text looks on a background with the YUV color 156.2150, -36.0950,

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

156.2150, -36.0950, 50.6774

Protanopia

154.9180, -32.4976, 16.7349

Deuteranopia

155.2900, -36.6250, 33.9487



Tritanopia

160.2560, -8.0142, 50.6415

Trichromacy



Original Color

156.2150, -36.0950, 50.6774

Protanomaly

155.6530, -33.8459, 29.2453

Deuteranomaly

155.7360, -36.3518, 39.6965

Tritanomaly

159.2100, -18.3445, 50.6818

Monochromacy



Original Color

156.2150, -36.0950, 50.6774

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.2660, -13.4421, 18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.2150, -36.0950, 50.6774 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(214, 141, 83)` looks like.

```
.text, #text, p{  
    color:rgb(214, 141, 83)  
}
```

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(214, 141, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 141, 83) }
```

Border

The CSS property to change the border of an element to YUV 156.2150, -36.0950, 50.6774 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(214, 141, 83) }
```


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

```
.border{ border-color:rgb(214, 141, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 141, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 141, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 141, 83);  
box-shadow:4px 4px 4px 4px rgb(214, 141,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 156.2150, -36.0950, 50.6774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 141, 83) }
```

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

```
.background{ background-color: rgb(214,  
141, 83) }
```

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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