

Converting Colors

YUV(170.9790, -31.5416,
36.8524)

Have a look what the booklet for
YUV(170.9790, -31.5416, 36.8524)
contains.

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Color

**YUV(170.9790, -31.5416,
36.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A26B
RGB	213, 162, 107
RGB Percent	84%, 64%, 42%
CMY	0.1647, 0.3647, 0.5804
CMYK	0.00, 0.24, 0.50, 0.16
HSL	31°, 56%, 63%
HSV	31°, 50%, 84%
XYZ	43.0147, 41.0483, 19.5659
YIQ	170.9790, 48.0510, -6.2930

Conversions

Conversions Part 2

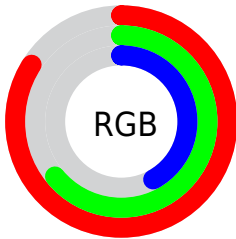
Format	Color
RYB	205, 213, 107
Decimal	14000747
CIELab	70.21, 12.29, 35.78
CIELCh	70, 37.828, 71.046
Yxy	41.0483, 0.4151, 0.3961
Android (android.graphics.Color)	4292190827 (0xFFD5A26B)
YUV	170.9790, -31.5416, 36.8524
Hunter-Lab	64.0690, 7.7210, 26.7418

Details

The YUV color **170.9790, -31.5416, 36.8524** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.0210, 31.5416, -36.8524**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7500, -30.9357, 29.1603**, and **117.8260, -29.4942, 33.4786** is the 20% darker color. If you saturate the color by 10%, you get **162.7150, -37.8205, 44.0999**, and if you desaturate by 10%, it is **179.2430, -25.2628, 29.6049**.

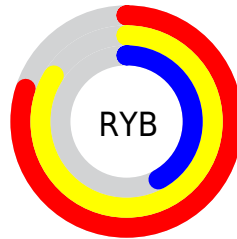
Distribution



Red (84%)

Green (64%)

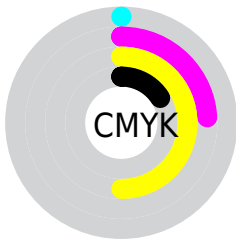
Blue (42%)



Red (80%)

Yellow (84%)

Blue (42%)

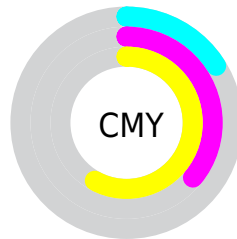


Cyan (0%)

Magenta (24%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9790, -31.5416, 36.8524 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 170.9790, -31.5416, 36.8524 by changing the saturation by 10% instead.

■ 170.9790,
-31.5416, 36.8524

■ 170.9790,
-31.5416, 36.8524

■ 255.0000, 0.0000,
0.0000

■ 144.1960,
-30.6626, 34.9081

■ 221.7500,
-30.9357, 29.1603

■ 117.8260,
-29.4942, 33.4786

■ 241.2640,
-27.2452, 12.0465

■ 92.7440, -28.4678,
30.9195

■ 250.3260,
-17.9087, 4.0991

■ 68.4340, -28.3150,
28.5604

■ 253.6320, -5.2416,
1.1997

■ 46.4920, -22.9206,
25.0015

■ 26.3910, -13.0108,
19.8281

■ 7.7740, -3.8326,

15.9842

■ 0.0000, 0.0000,
0.0000

■ 170.9790,
-31.5416, 36.8524

■ 170.9790,
-31.5416, 36.8524

■ 162.7150,
-37.8205, 44.0999

■ 179.2430,
-25.2628, 29.6049

■ 154.3370,
-44.5361, 51.4475

■ 187.6210,
-18.5472, 22.2574

■ 145.4860,
-50.5256, 59.2098

■ 196.4720,
-12.5577, 14.4951

■ 137.2220,
-56.8044, 66.4573

■ 204.7360, -6.2788,
7.2475

■ 128.9580,
-63.0833, 73.7048

■ 213.0000, 0.0000,
0.0000

■ 128.8440,
-63.5201, 73.8048

■ 221.3780, 6.7156,
-7.3475

■ 230.1150, 12.2683,
-15.0099

■ 235.9850, 9.3744,
-20.1578

■ 241.8550, 6.4805,
-25.3058

Harmonies

Analogous

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



172.8960, -22.1337, 52.7112



170.9790, -31.5416, 36.8524



168.2980, -32.1919, 12.0167

Triad

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



170.9790, -31.5416, 36.8524



148.0540, 17.7214, -84.2394



175.6900, 23.8168, 14.3039

Complementary

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



170.9790, -31.5416, 36.8524



149.0210, 31.5416, -36.8524

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.



170.3800, 33.8297, -24.0123



170.9790, -31.5416, 36.8524



142.4550, 36.2577, -103.0080

Square

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



170.9790, -31.5416, 36.8524



157.4270, -4.6475, -49.4865



157.9680, 38.4698, -65.7469



176.3810, 9.1792, 42.6389

Rectangle

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



170.9790, -31.5416, 36.8524



165.3710, -26.3119, -7.3414



157.9680, 38.4698, -65.7469



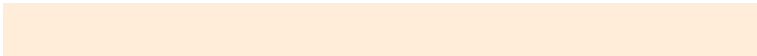
174.3510, 27.9280, 2.3232

Sweetspot

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



170.9790, -31.5416, 36.8524



240.1020, -11.3893, 13.0655



144.5080, 6.6516, 60.0675



118.3340, -6.5737, 8.4771



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.



170.9790, -31.5416, 36.8524



194.1200, -45.4152, 53.3918



200.3180, -46.0058, 9.3681



102.8110, -3.3578, 3.6738



103.3720, -50.9624, 59.3098



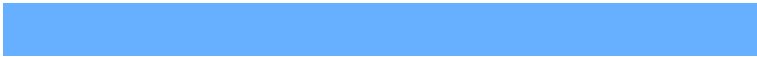
25.7710, -12.7051, 15.1098

Inverse Universe

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



149.0210, 31.5416, -36.8524



162.8800, 45.4152, -53.3918



119.6820, 46.0058, -9.3681



100.7760, 3.0684, -4.1886



67.6280, 50.9624, -59.3098



17.2290, 12.7051, -15.1098

Previews

White Background



This preview shows how the YUV color 170.9790, -31.5416, 36.8524 looks on a white background.

Color Contrast Check

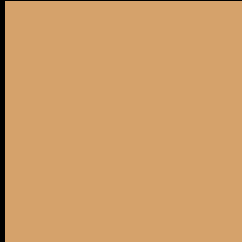
Large Text (above 18pt) WCAG AA × Fail

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 170.9790, -31.5416, 36.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

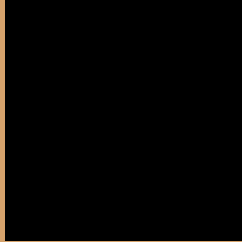
Any Text WCAG AA ✓ Pass

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 170.9790, -31.5416, 36.8524 Background



This preview shows how black text looks on a background with the YUV color 170.9790, -31.5416, 36.8524.



This preview shows how white text looks on a background with the YUV color 170.9790, -31.5416,

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

170.9790, -31.5416, 36.8524

Protanopia

169.5310, -28.8558, 15.3203

Deuteranopia

170.6580, -31.3834, 32.7489



Tritanopia

175.0910, -4.4819, 37.6312

Trichromacy



Original Color

170.9790, -31.5416, 36.8524

Protanomaly

169.7600, -29.4617, 23.0125

Deuteranomaly

170.6690, -31.3888, 34.4933

Tritanomaly

173.8600, -14.2280, 36.9568

Monochromacy



Original Color

170.9790, -31.5416, 36.8524

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1020, -11.3893, 13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9790, -31.5416, 36.8524 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(213, 162, 107)` looks like.

```
.text, #text, p{  
    color:rgb(213, 162, 107)  
}
```

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(213, 162, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 162, 107) }
```

Border

The CSS property to change the border of an element to YUV 170.9790, -31.5416, 36.8524 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(213, 162, 107) }
```


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

```
.border{ border-color:rgb(213, 162, 107) }
```

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

Here you see how a box with a 4 pixel rgb(213, 162, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 162, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 162, 107);  
box-shadow:4px 4px 4px 4px rgb(213, 162,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 170.9790, -31.5416, 36.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 162, 107) }
```

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

```
.background{ background-color: rgb(213,  
162, 107) }
```

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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