

Converting Colors

YUV(163.7450, -33.3983,
25.6566)

Have a look what the booklet for
YUV(163.7450, -33.3983, 25.6566)
contains.

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Color

**YUV(163.7450, -33.3983,
25.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A260
RGB	193, 162, 96
RGB Percent	76%, 64%, 38%
CMY	0.2431, 0.3647, 0.6235
CMYK	0.00, 0.16, 0.50, 0.24
HSL	41°, 44%, 57%
HSV	41°, 50%, 76%
XYZ	37.0240, 38.0226, 16.4541
YIQ	163.7450, 39.6620, -13.9540

Conversions

Conversions Part 2

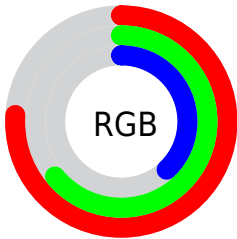
Format	Color
RYB	142, 193, 96
Decimal	12690016
CIELab	68.04, 2.93, 38.36
CIELCh	68, 38.475, 85.630
Yxy	38.0226, 0.4046, 0.4155
Android (android.graphics.Color)	4290880096 (0xFFC1A260)
YUV	163.7450, -33.3983, 25.6566
Hunter-Lab	61.6625, -0.7328, 27.3428

Details

The YUV color **163.7450, -33.3983, 25.6566** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **125.2550, 33.3983, -25.6566**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.3000, -35.1509, 27.8009**, and **111.4780, -31.7877, 22.3828** is the 20% darker color. If you saturate the color by 10%, you get **158.0570, -39.9611, 30.6450**, and if you desaturate by 10%, it is **169.4330, -26.8355, 20.6683**.

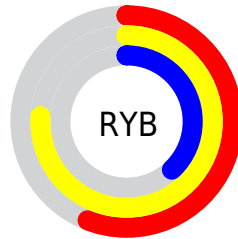
Distribution



Red (76%)

Green (64%)

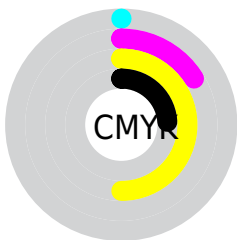
Blue (38%)



Red (56%)

Yellow (76%)

Blue (38%)

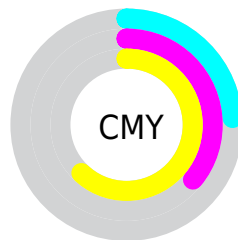


Cyan (0%)

Magenta (16%)

Yellow (50%)

Black (24%)



Cyan (24%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.7450, -33.3983, 25.6566 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 163.7450, -33.3983, 25.6566 by changing the saturation by 10% instead.

■ 163.7450,
-33.3983, 25.6566

■ 163.7450,
-33.3983, 25.6566

255.0000, 0.0000,
0.0000

■ 137.2610,
-32.6667, 24.3271

■ 219.3000,
-35.1509, 27.8009

■ 111.4780,
-31.7877, 22.3828

■ 240.0100,
-32.0499, 13.1462

■ 85.9940, -31.0560,
21.0533

■ 249.0720,
-22.7135, 5.1989

■ 62.0970, -30.6138,
19.2089

■ 252.2640,
-10.4832, 2.3995

■ 42.2950, -20.8514,
14.6503

■ 23.0800, -11.3784,
9.5768

■ 0.0000, 0.0000,

0.0000

■ 163.7450,
-33.3983, 25.6566

■ 163.7450,
-33.3983, 25.6566

■ 158.0570,
-39.9611, 30.6450

■ 169.4330,
-26.8355, 20.6683

■ 152.2550,
-46.9607, 35.7334

■ 175.2350,
-19.8359, 15.5799

■ 145.9800,
-53.2341, 41.2365

■ 181.5100,
-13.5624, 10.0767

■ 140.2920,
-59.7970, 46.2249

■ 187.1980, -6.9996,
5.0884

■ 134.6040,
-66.3598, 51.2133

■ 193.0000, 0.0000,
0.0000

■ 198.6880, 6.5628,
-4.9884

■ 204.3760, 13.1256,
-9.9768

■ 210.0640, 19.6884,
-14.9651

■ 214.7430, 19.8467,
-19.0686

Harmonies

Analogous

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



166.0710, -27.6430, 46.4187



163.7450, -33.3983, 25.6566



160.4210, -28.8016, -2.1232

Triad

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



163.7450, -33.3983, 25.6566



130.2380, 31.9277, -114.2187



170.3670, 17.0741, 30.3731

Complementary

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



163.7450, -33.3983, 25.6566



125.2550, 33.3983, -25.6566

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.



167.7630, 29.6968, -5.0542



163.7450, -33.3983, 25.6566



139.9490, 40.4511, -94.6713

Square

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



163.7450, -33.3983, 25.6566



146.4660, 6.1793, -68.8147



158.5620, 37.6839, -46.9739



169.6720, 1.1477, 52.0307

Rectangle

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



163.7450, -33.3983, 25.6566



156.8790, -20.1533, -22.6959



158.5620, 37.6839, -46.9739



169.9680, 22.2008, 19.3221

Sweetspot

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



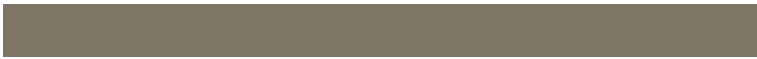
163.7450, -33.3983, 25.6566



238.6240, -13.1256, 9.9768



128.6510, -0.3209, 56.4341



118.2690, -8.0206, 5.9031



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163.7450, -33.3983, 25.6566



204.7240, -51.6289, 39.7071



177.1580, -40.0109, -0.1386



94.0990, -3.4998, 2.5442



112.1220, -55.2761, 42.8660



23.3680, -11.5204, 8.4473

Inverse Universe

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



125.2550, 33.3983, -25.6566



145.2760, 51.6289, -39.7071



111.8420, 40.0109, 0.1386



89.9010, 3.4998, -2.5442



48.2910, 55.5655, -42.3512



10.2190, 11.2310, -8.9621

Previews

White Background



This preview shows how the YUV color 163.7450, -33.3983, 25.6566 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 163.7450, -33.3983, 25.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

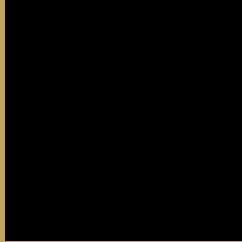
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.7450, -33.3983, 25.6566

Background



This preview shows how black text looks on a background with the YUV color 163.7450, -33.3983, 25.6566.



This preview shows how white text looks on a background with the YUV color 163.7450, -33.3983, 25.6566.

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

163.7450, -33.3983, 25.6566

Protanopia

162.9180, -32.4976, 16.7349

Deuteranopia

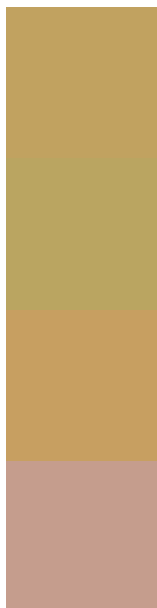
164.2020, -33.1306, 33.1488



Tritanopia

168.8230, -1.3917, 26.4652

Trichromacy



Original Color

163.7450, -33.3983, 25.6566

Protanomaly

163.5270, -32.7978, 19.7088

Deuteranomaly

163.8920, -32.9778, 30.7897

Tritanomaly

167.1360, -12.8850, 26.1907

Monochromacy



Original Color

163.7450, -33.3983, 25.6566

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8520, -12.2520, 9.7768

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.7450, -33.3983, 25.6566 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(193, 162, 96)` looks like.

```
.text, #text, p{  
    color:rgb(193, 162, 96)  
}
```

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(193, 162, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 162, 96) }
```

Border

The CSS property to change the border of an element to YUV 163.7450, -33.3983, 25.6566 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(193, 162, 96) }
```


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

```
.border{ border-color:rgb(193, 162, 96) }
```

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

Here you see how a box with a 4 pixel rgb(193, 162, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 162, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 162, 96);  
box-shadow:4px 4px 4px 4px rgb(193, 162,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 163.7450, -33.3983, 25.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 162, 96) }
```

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

```
.background{ background-color: rgb(193,  
162, 96) }
```

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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