

Converting Colors

YUV(166.2820, -10.9850,
23.4317)

Have a look what the booklet for
YUV(166.2820, -10.9850, 23.4317)
contains.

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Color

**YUV(166.2820, -10.9850,
23.4317)**

Conversions

Conversions Part 1

Format	Color
Hex	C19D90
RGB	193, 157, 144
RGB Percent	76%, 62%, 56%
CMY	0.2431, 0.3843, 0.4353
CMYK	0.00, 0.19, 0.25, 0.24
HSL	16°, 28%, 66%
HSV	16°, 25%, 76%
XYZ	39.0833, 37.4650, 31.5571
YIQ	166.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

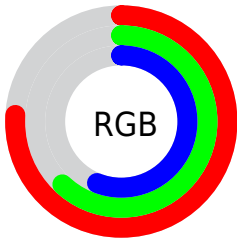
Format	Color
R _Y B	193, 162, 144
Decimal	12688784
CIE Lab	67.62, 11.36, 11.82
CIE LCh	68, 16.397, 46.148
Yxy	37.4650, 0.3615, 0.3466
Android (android.graphics.Color)	4290878864 (0xFFC19D90)
YUV	166.2820, -10.9850, 23.4317
Hunter-Lab	61.2087, 6.8617, 12.2782

Details

The YUV color **166.2820, -10.9850, 23.4317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170.7180, 10.9850, -23.4317**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.7660, -11.7166, 24.7612**, and **114.4990, -10.1060, 21.4874** is the 20% darker color. If you saturate the color by 10%, you get **155.8980, -15.2327, 32.5385**, and if you desaturate by 10%, it is **176.6660, -6.7373, 14.3249**.

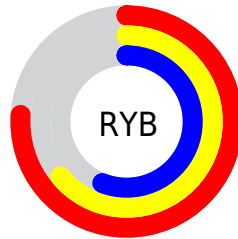
Distribution



Red (76%)

Green (62%)

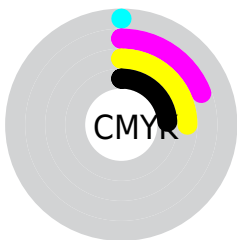
Blue (56%)



Red (76%)

Yellow (64%)

Blue (56%)

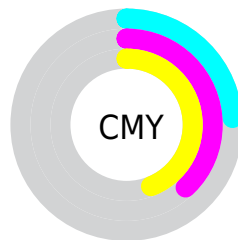


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (24%)



Cyan (24%)

Magenta (38%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2820, -10.9850, 23.4317 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 166.2820, -10.9850, 23.4317 by changing the saturation by 10% instead.

■ 166.2820,
-10.9850, 23.4317

■ 166.2820,
-10.9850, 23.4317

255.0000, 0.0000,
0.0000

■ 139.6840,
-10.6902, 22.2021

■ 221.7660,
-11.7166, 24.7612

■ 114.4990,
-10.1060, 21.4874

■ 242.8890, -8.3263,
10.6213

■ 89.3140, -9.5218,
20.7726

254.8860, -0.4368,
0.1000

■ 65.5310, -8.6428,
18.8283

■ 43.6340, -8.2006,
16.9840

■ 21.6510, -10.6739,
16.9691

■ 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 166.2820,
-10.9850, 23.4317

■ 166.2820,
-10.9850, 23.4317

■ 155.8980,
-15.2327, 32.5385

■ 176.6660, -6.7373,
14.3249

■ 145.4000,
-19.9172, 41.7452

■ 187.1640, -2.0529,
5.1182

■ 134.4290,
-23.8755, 51.3668

■ 198.1350, 1.9054,
-4.5034

■ 124.0450,
-28.1232, 60.4735

■ 208.5190, 6.1531,
-13.6102

■ 113.5470,
-32.8077, 69.6803

■ 219.0170, 10.8376,
-22.8169

■ 103.1630,
-37.0554, 78.7870

■ 228.8310, 12.9013,
-31.4238

■ 92.7790, -41.3030,
87.8938

■ 236.4620, 9.1392,
-38.1162

■ 87.6440, -43.2085,
92.3972

Harmonies

Analogous

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



167.4870, -5.1701, 25.0059



166.2820, -10.9850, 23.4317



164.7280, -14.1629, 16.0245

Triad

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



166.2820, -10.9850, 23.4317



160.1130, -1.5347, -21.1471



165.2240, 13.6936, -5.4584

Complementary

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



166.2820, -10.9850, 23.4317



170.7180, 10.9850, -23.4317

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.



162.4780, 15.0473, -19.7132



166.2820, -10.9850, 23.4317



158.8330, 6.4913, -28.7945

Square

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



166.2820, -10.9850, 23.4317



161.3550, -8.5560, -9.0813



160.3260, 12.1643, -28.3499



166.7590, 8.9928, 8.9814

Rectangle

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



166.2820, -10.9850, 23.4317



163.9720, -14.2832, 7.9176



160.3260, 12.1643, -28.3499



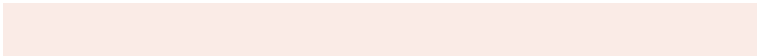
164.4190, 14.5834, -10.8915

Sweetspot

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



166.2820, -10.9850, 23.4317



238.9150, -4.3951, 9.7215



162.8690, 8.9386, 26.4249



118.2350, -3.0739, 5.9329



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.



166.2820, -10.9850, 23.4317



209.1650, -16.8433, 35.8123



180.3700, -17.9304, 11.0765



91.7510, -2.3422, 4.6034



73.3800, -36.1763, 76.8427



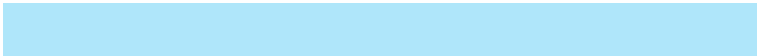
15.1500, -7.4689, 15.6545

Inverse Universe

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



170.7180, 10.9850, -23.4317



215.8350, 16.8433, -35.8123



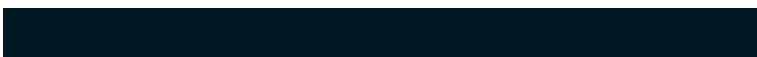
156.6300, 17.9304, -11.0765



92.2490, 2.3422, -4.6034



87.6200, 36.1763, -76.8427



17.8500, 7.4690, -15.6544

Previews

White Background



This preview shows how the YUV color 166.2820, -10.9850, 23.4317 looks on a white background.

Color Contrast Check

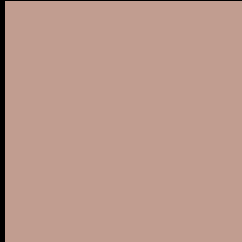
Large Text (above 18pt) WCAG AA × Fail

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 166.2820, -10.9850, 23.4317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

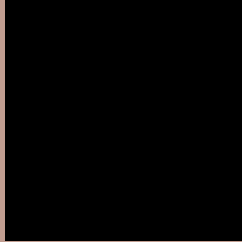
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2820, -10.9850, 23.4317

Background



This preview shows how black text looks on a background with the YUV color 166.2820, -10.9850, 23.4317.



This preview shows how white text looks on a background with the YUV color 166.2820, -10.9850, 23.4317.

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

166.2820, -10.9850, 23.4317

Protanopia

164.5680, -8.1680, 6.5179

Deuteranopia

165.9610, -10.8268, 19.3282



Tritanopia

167.6270, -0.8021, 24.0061

Trichromacy



Original Color

166.2820, -10.9850, 23.4317

Protanomaly

165.0850, -8.9159, 13.0805

Deuteranomaly

165.9720, -10.8322, 21.0726

Tritanomaly

167.0030, -4.4385, 23.6764

Monochromacy



Original Color

166.2820, -10.9850, 23.4317

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3170, -4.1003, 8.4920

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2820, -10.9850, 23.4317 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, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(193, 157, 144)  
}
```

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, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 157, 144) }
```

Border

The CSS property to change the border of an element to YUV 166.2820, -10.9850, 23.4317 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, 157, 144) }
```


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

```
.border{ border-color:rgb(193, 157, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 157, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 157, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 157, 144);  
box-shadow:4px 4px 4px 4px rgb(193, 157,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 166.2820, -10.9850, 23.4317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 157, 144) }
```

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

```
.background{ background-color: rgb(193,  
157, 144) }
```

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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