

Converting Colors

YUV(133.2100, -65.6725,
17.3558)

Have a look what the booklet for
YUV(133.2100, -65.6725, 17.3558)
contains.

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Color

**YUV(133.2100, -65.6725,
17.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	999500
RGB	153, 149, 0
RGB Percent	60%, 58%, 0%
CMY	0.4000, 0.4157, 1.0000
CMYK	0.00, 0.03, 1.00, 0.40
HSL	58°, 100%, 30%
HSV	58°, 100%, 60%
XYZ	23.8843, 28.2672, 4.1973
YIQ	133.2100, 50.2130, -45.4910

Conversions

Conversions Part 2

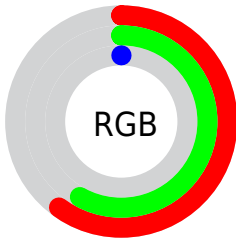
Format	Color
R_YB	4, 153, 0
Decimal	10065152
CIE _{Lab}	60.13, -12.62, 63.70
CIE _{LCh}	60, 64.935, 101.209
Yxy	28.2672, 0.4239, 0.5016
Android (android.graphics.Color)	4288255232 (0xFF999500)
YUV	133.2100, -65.6725, 17.3558
Hunter-Lab	53.1669, -12.8540, 32.5362

Details

The YUV color **133.2100, -65.6725, 17.3558** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19.7900, 65.6725, -17.3558**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.4580, -58.3998, 18.0153**, and **87.4150, -43.0956, 9.2830** is the 20% darker color. If you saturate the color by 10%, you get **133.2100, -65.6725, 17.3558**, and if you desaturate by 10%, it is **134.9200, -59.1206, 15.8562**.

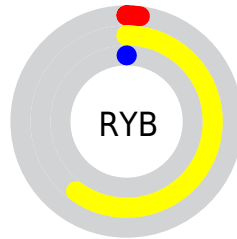
Distribution



Red (60%)

Green (58%)

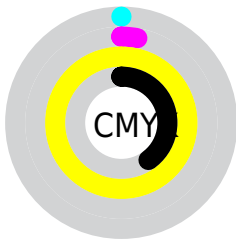
Blue (0%)



Red (2%)

Yellow (60%)

Blue (0%)

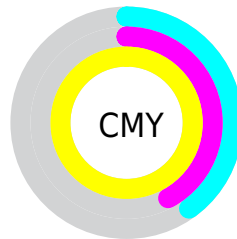


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2100, -65.6725, 17.3558 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 133.2100, -65.6725, 17.3558 by changing the saturation by 10% instead.

■ 133.2100,
-65.6725, 17.3558

■ 133.2100,
-65.6725, 17.3558

■ 255.0000, 0.0000,
0.0000

■ 109.5760,
-54.0210, 13.5268

■ 190.4580,
-58.3998, 18.0153

■ 87.4150, -43.0956,
9.2830

■ 218.9420,
-59.1314, 19.3449

■ 65.2540, -32.1702,
5.0392

■ 240.4080,
-55.9101, 12.7972

■ 44.5660, -21.9710,
0.3806

■ 243.4860,
-44.1166, 10.0978

■ 24.7640, -12.2087,
-4.1780

■ 246.6780,
-31.8863, 7.2984

■ 0.5870, -0.2894,
-0.5148

■ 249.9840,

■ 0.0000, 0.0000,

-19.2191, 4.3990

0.0000

■ 253.2900, -6.5520,
1.4997

■ 133.2100,
-65.6725, 17.3558

■ 134.9200,
-59.1206, 15.8562

■ 137.3310,
-52.4212, 13.7417

■ 139.0410,
-45.8692, 12.2420

■ 141.3380,
-39.6066, 10.2276

■ 143.1620,
-32.6179, 8.6279

■ 144.8720,
-26.0659, 7.1283

■ 147.1690,
-19.8033, 5.1138

■ 148.8790,
-13.2513, 3.6141

■ 151.2900, -6.5520,
1.4997

Harmonies

Analogous

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



138.8570, -56.6245, 55.3764



133.2100, -65.6725, 17.3558



127.5190, -37.7239, -33.7812

Triad

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



133.2100, -65.6725, 17.3558



124.7560, 46.4623, -109.4110



145.0980, 18.6857, 73.5821

Complementary

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



133.2100, -65.6725, 17.3558



19.7900, 65.6725, -17.3558

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.



149.2130, 40.8140, 22.6152



133.2100, -65.6725, 17.3558



123.3490, 63.9179, -108.1771

Square

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



133.2100, -65.6725, 17.3558



119.7740, 22.2964, -105.0418



130.0430, 61.6038, -65.8127



139.5850, -6.6974, 95.0800

Rectangle

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



133.2100, -65.6725, 17.3558



107.9470, -10.3269, -94.6695



130.0430, 61.6038, -65.8127



147.0730, 26.5860, 59.5720

Sweetspot

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



133.2100, -65.6725, 17.3558



190.9860, -25.6291, 7.0283



46.3170, -20.3693, 93.5610



95.0100, -15.2879, 3.4992



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



133.2100, -65.6725, 17.3558



173.3790, -85.4758, 22.4696



114.3290, -56.3642, -28.3525



75.5010, -3.2050, 1.3146



122.2790, -60.2835, 15.5413



10.9310, -5.3890, 1.8145

Inverse Universe

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



19.7900, 65.6725, -17.3558



25.6210, 85.4758, -22.4696



38.6710, 56.3642, 28.3525



69.9120, 3.4944, -0.7998



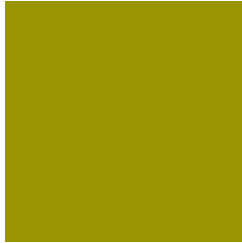
18.3080, 59.9942, -16.0561



1.4820, 5.6784, -1.2997

Previews

White Background



This preview shows how the YUV color 133.2100, -65.6725, 17.3558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.2100, -65.6725, 17.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

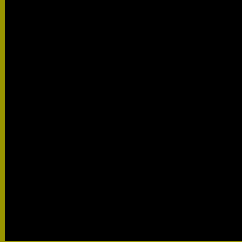
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.2100, -65.6725, 17.3558 Background



This preview shows how black text looks on a background with the YUV color 133.2100, -65.6725, 17.3558.

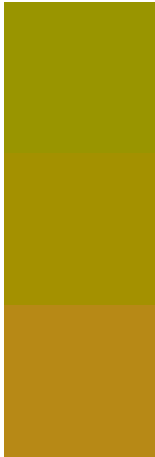


This preview shows how white text looks on a background with the YUV color 133.2100, -65.6725,

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

133.2100, -65.6725, 17.3558

Protanopia

134.1510, -66.1364, 26.1776

Deuteranopia

137.6440, -57.0125, 39.7772



Tritanopia

146.7290, 1.1196, 14.2697

Trichromacy



Original Color

133.2100, -65.6725, 17.3558

Protanomaly

133.5420, -65.8362, 23.2037

Deuteranomaly

135.7910, -60.0430, 31.7553

Tritanomaly

141.7250, -23.0354, 15.1502

Monochromacy



Original Color

133.2100, -65.6725, 17.3558

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.1430, -23.7345, 6.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2100, -65.6725, 17.3558 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(153, 149, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 149, 0)  
}
```

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(153, 149, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 149, 0) }
```

Border

The CSS property to change the border of an element to YUV 133.2100, -65.6725, 17.3558 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(153, 149, 0) }
```


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

```
.border{ border-color:rgb(153, 149, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 149, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 149, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 149, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 149,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 133.2100, -65.6725, 17.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 149, 0) }
```

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

```
.background{ background-color: rgb(153,  
149, 0) }
```

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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