

Converting Colors

YUV(98.5650, -33.8025,
15.2905)

Have a look what the booklet for
YUV(98.5650, -33.8025, 15.2905)
contains.

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Color

**YUV(98.5650, -33.8025,
15.2905)**

Conversions

Conversions Part 1

Format	Color
Hex	74671E
RGB	116, 103, 30
RGB Percent	45%, 40%, 12%
CMY	0.5451, 0.5961, 0.8824
CMYK	0.00, 0.11, 0.74, 0.55
HSL	51°, 59%, 29%
HSV	51°, 74%, 45%
XYZ	12.2871, 13.5072, 3.1879
YIQ	98.5650, 31.1810, -19.9470

Conversions

Conversions Part 2

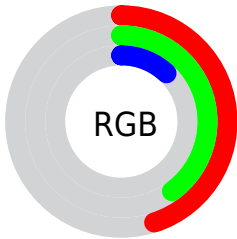
Format	Color
R_{YB}	45, 116, 30
Decimal	7628574
CIE _{Lab}	43.52, -3.73, 40.97
CIE _{LCh}	44, 41.144, 95.195
Yxy	13.5072, 0.4240, 0.4661
Android (android.graphics.Color)	4285818654 (0xFF74671E)
YUV	98.5650, -33.8025, 15.2905
Hunter-Lab	36.7522, -4.6399, 20.5838

Details

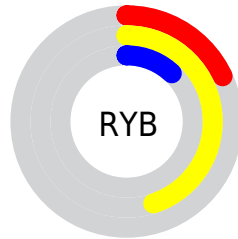
The YUV color **98.5650, -33.8025, 15.2905** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **47.4350, 33.8025, -15.2905**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5330, -35.2658, 17.9496**, and **52.3070, -25.7874, 11.1318** is the 20% darker color. If you saturate the color by 10%, you get **96.0230, -38.4653, 17.5198**, and if you desaturate by 10%, it is **101.1070, -29.1398, 13.0612**.

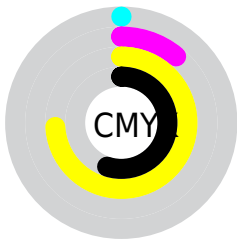
Distribution



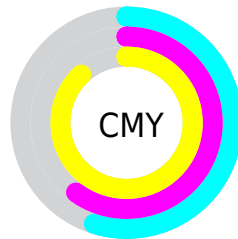
- Red (45%)
- Green (40%)
- Blue (12%)



- Red (18%)
- Yellow (45%)
- Blue (12%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5650, -33.8025, 15.2905 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 98.5650, -33.8025, 15.2905 by changing the saturation by 10% instead.

■ 98.5650, -33.8025,
15.2905

■ 98.5650, -33.8025,
15.2905

255.0000, 0.0000,
0.0000

■ 73.5110, -35.2549,
14.4609

■ 150.5330,
-35.2658, 17.9496

■ 52.3070, -25.7874,
11.1318

■ 177.0170,
-35.9974, 19.2791

■ 32.5050, -16.0250,
6.5731

■ 205.0880,
-37.0184, 20.0938

■ 11.7950, -5.8149,
-1.5742

■ 232.6750,
-37.3078, 19.5790

■ 0.0000, 0.0000,
0.0000

■ 246.9060,
-31.0127, 7.0984

■ 250.0980,

-18.7823, 4.2991

253.4040, -6.1152,
1.3997

98.5650, -33.8025,
15.2905

98.5650, -33.8025,
15.2905

96.0230, -38.4653,
17.5198

101.1070,
-29.1398, 13.0612

93.5950, -42.6913,
19.6492

103.5350,
-24.9138, 10.9318

92.2100, -45.4595,
20.8638

105.4900,
-19.9616, 9.2173

107.9180,
-15.7356, 7.0879

110.4600,
-11.0728, 4.8586

■ 113.0020, -6.4100,
2.6292

■ 114.8430, -1.8946,
1.0147

■ 117.3850, 2.7682,
-1.2146

■ 119.8130, 6.9942,
-3.3440

Harmonies

Analogous

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



101.0330, -30.0893, 37.6821



98.5650, -33.8025, 15.2905



94.6800, -24.9852, -12.8744

Triad

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



98.5650, -33.8025, 15.2905



85.9270, 27.1510, -75.3580



105.3850, 13.1212, 38.2504

Complementary

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



98.5650, -33.8025, 15.2905



47.4350, 33.8025, -15.2905

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.



105.0310, 26.6067, 6.1118



98.5650, -33.8025, 15.2905



85.6140, 38.6443, -75.0835

Square

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



98.5650, -33.8025, 15.2905



82.7520, 12.4473, -72.5735



94.5840, 37.6731, -43.4852



102.7710, -2.3521, 54.5748

Rectangle

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



98.5650, -33.8025, 15.2905



89.8110, -13.7108, -35.7912



94.5840, 37.6731, -43.4852



105.8830, 17.8057, 29.0436

Sweetspot

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



98.5650, -33.8025, 15.2905



143.3030, -12.9674, 5.8733



57.3100, -6.5618, 51.4711



72.3720, -7.5784, 4.0588



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



98.5650, -33.8025, 15.2905



123.0980, -52.3063, 23.5931



97.5250, -33.2898, -9.2304



57.7290, -2.3314, 1.1147



97.5260, -48.0803, 21.4637



199.1940, -98.2026, 44.5569

Inverse Universe

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



47.4350, 33.8025, -15.2905



43.9020, 52.3063, -23.5931



48.4750, 33.2898, 9.2304



54.2710, 2.3314, -1.1147



25.0610, 47.7909, -21.9785



50.8060, 98.2026, -44.5569

Previews

White Background



This preview shows how the YUV color 98.5650, -33.8025, 15.2905 looks on a white 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

Black Background



This preview shows how the YUV color 98.5650, -33.8025, 15.2905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

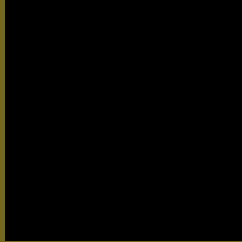
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.5650, -33.8025, 15.2905

Background



This preview shows how black text looks on a background with the YUV color 98.5650, -33.8025, 15.2905.



This preview shows how white text looks on a background with the YUV color 98.5650, -33.8025,

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

98.5650, -33.8025, 15.2905

Protanopia

98.2660, -33.6551, 14.6757

Deuteranopia

99.7450, -33.3983, 25.6566



Tritanopia

104.6860, -0.3382, 15.1844

Trichromacy



Original Color

98.5650, -33.8025, 15.2905

Protanomaly

98.2660, -33.6551, 14.6757

Deuteranomaly

99.3100, -33.6768, 21.6531

Tritanomaly

102.7710, -12.7051, 15.1098

Monochromacy



Original Color

98.5650, -33.8025, 15.2905

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.5310, -12.0938, 5.6733

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5650, -33.8025, 15.2905 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(116, 103, 30)` looks like.

```
.text, #text, p{  
    color:rgb(116, 103, 30)  
}
```

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(116, 103, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 103, 30) }
```

Border

The CSS property to change the border of an element to YUV 98.5650, -33.8025, 15.2905 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(116, 103, 30) }
```


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

```
.border{ border-color:rgb(116, 103, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 103, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 103, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 103, 30);  
box-shadow:4px 4px 4px 4px rgb(116, 103,  
30) }
```

Background

The CSS property to change the background color of an element to YUV 98.5650, -33.8025, 15.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 103, 30) }
```

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

```
.background{ background-color: rgb(116,  
103, 30) }
```

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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