

Converting Colors

YUV(67.6890, 14.9433,
-33.0533)

Have a look what the booklet for
YUV(67.6890, 14.9433, -33.0533)
contains.

YUV(67.6890, 14.9433, -33.0533)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.6890, 14.9433,
-33.0533)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5162
RGB	30, 81, 98
RGB Percent	12%, 32%, 38%
CMY	0.8824, 0.6824, 0.6157
CMYK	0.69, 0.17, 0.00, 0.62
HSL	195°, 53%, 25%
HSV	195°, 69%, 38%
XYZ	5.6825, 7.0427, 12.6152
YIQ	67.6890, -35.8530, -5.5250

Conversions

Conversions Part 2

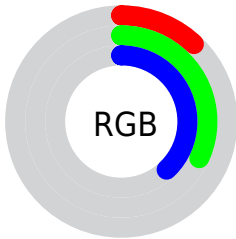
Format	Color
R_{YB}	30, 59, 98
Decimal	1986914
CIE _{Lab}	31.90, -10.97, -14.91
CIE _{LCh}	32, 18.510, 233.646
Yxy	7.0427, 0.2242, 0.2779
Android (android.graphics.Color)	4280176994 (0xFF1E5162)
YUV	67.6890, 14.9433, -33.0533
Hunter-Lab	26.5381, -8.2205, -9.6074




Details

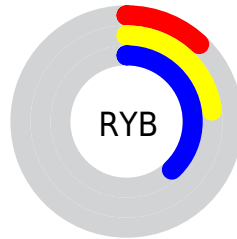
The YUV color **67.6890, 14.9433, -33.0533** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.3110, -14.9433, 33.0533**, and the grayscale version is **68.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **118.1130, 15.2273, -30.7941**, and **26.9460, 11.8586, -23.6316** is the 20% darker color. If you saturate the color by 10%, you get **63.5250, 16.9962, -38.1714**, and if you desaturate by 10%, it is **71.8530, 12.8905, -27.9351**.

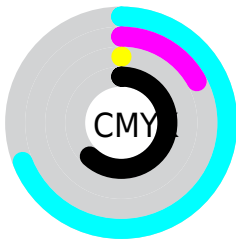
Distribution







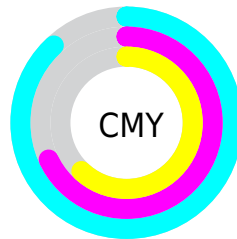
-  Red (12%)
-  Green (32%)
-  Blue (38%)






-  Red (12%)
-  Yellow (23%)
-  Blue (38%)



-  Cyan (69%)
-  Magenta (17%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (88%)
-  Magenta (68%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.6890, 14.9433, -33.0533 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 67.6890, 14.9433, -33.0533 by changing the saturation by 10% instead.

67.6890, 14.9433,
-33.0533

67.6890, 14.9433,
-33.0533

255.0000, 0.0000,
0.0000

42.4820, 15.5384,
-37.2567

118.1130, 15.2273,
-30.7941

26.9460, 11.8586,
-23.6316

144.1130, 15.2273,
-30.7941

11.7520, 9.4893,
-10.3065

171.2270, 15.6641,
-30.8941

0.2280, 0.8736,
-0.2000

198.9280, 15.8115,
-31.5089

0.0000, 0.0000,
0.0000

226.4720, 14.0643,
-31.1089

244.2360, 5.3067,

-22.1320

252.9070, 1.0318,
-4.3034

67.6890, 14.9433,
-33.0533

67.6890, 14.9433,
-33.0533

63.5250, 16.9962,
-38.1714

71.8530, 12.8905,
-27.9351

58.7740, 19.3384,
-42.7748

76.6040, 10.5482,
-23.3317

54.9090, 21.2439,
-47.2782

80.4690, 8.6428,
-18.8283

54.6100, 21.3913,
-47.8930

85.2200, 6.3005,
-14.2249

89.3840, 4.2477,
-9.1068

■ 94.1350, 1.9054,
-4.5034

■ 98.2990, -0.1474,
0.6148

■ 102.7510, -2.3422,
4.6034

■ 106.9150, -4.3951,
9.7215

Harmonies

Analogous

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



66.0000, 9.8600, -35.9570



67.6890, 14.9433, -33.0533



72.0050, 15.7735, -19.2984

Triad

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



67.6890, 14.9433, -33.0533



76.7730, 1.0979, 21.2471



73.0850, -12.3669, -0.0745

Complementary

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



67.6890, 14.9433, -33.0533



60.3110, -14.9433, 33.0533

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.



74.4070, -14.0047, 11.9211



67.6890, 14.9433, -33.0533



76.5470, -6.1857, 24.0763

Square

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



67.6890, 14.9433, -33.0533



77.0260, 7.3822, 12.2552



75.4450, -11.5584, 20.6577



70.7890, -6.7980, -12.9700

Rectangle

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



67.6890, 14.9433, -33.0533



74.9140, 13.8464, -7.8176



75.4450, -11.5584, 20.6577



73.2920, -12.9620, 4.1289

Sweetspot

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



67.6890, 14.9433, -33.0533



115.8180, 6.0057, -12.9954



71.8540, -12.2530, -36.7060



56.8680, 3.5161, -7.7772



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



67.6890, 14.9433, -33.0533



80.4570, 23.4387, -51.2668



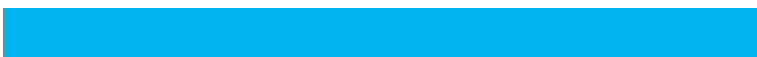
47.7310, 24.7826, -15.5501



46.2170, 0.8790, -1.9443



62.0760, 24.6125, -54.4407



133.0200, 52.7411, -116.6585

Inverse Universe

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



56.1460, 12.2530, 36.7060



62.7000, 18.8819, 57.2681



80.2690, -24.7826, 15.5501



45.5380, 0.7208, 2.1592



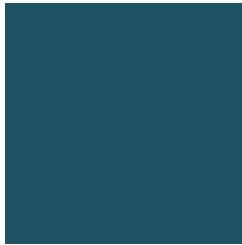
43.0640, 20.1814, 60.4569



92.2800, 43.2460, 129.5504

Previews

White Background



This preview shows how the YUV color 67.6890, 14.9433, -33.0533 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 ✓ Pass

Black Background



This preview shows how the YUV color 67.6890, 14.9433, -33.0533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

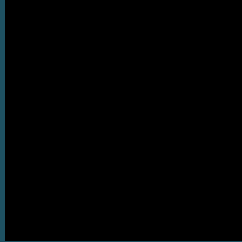
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.6890, 14.9433, -33.0533

Background



This preview shows how black text looks on a background with the YUV color 67.6890, 14.9433, -33.0533.



This preview shows how white text looks on a background with the YUV color 67.6890, 14.9433,

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

67.6890, 14.9433, -33.0533

Protanopia

74.9700, 8.8888, -4.3587

Deuteranopia

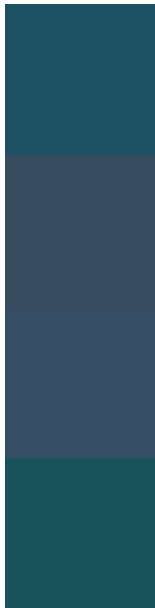
75.1700, 12.2412, -6.2881



Tritanopia

66.0430, 11.3178, -36.8717

Trichromacy



Original Color

67.6890, 14.9433, -33.0533

Protanomaly

72.4740, 11.1053, -15.3247

Deuteranomaly

72.6310, 12.9999, -16.3394

Tritanomaly

66.3960, 12.6228, -35.4273

Monochromacy



Original Color

67.6890, 14.9433, -33.0533

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0030, 5.4215, -12.2806

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.6890, 14.9433, -33.0533 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(30, 81, 98)` looks like.

```
.text, #text, p{  
    color:rgb(30, 81, 98)  
}
```

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(30, 81, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 81, 98) }
```

Border

The CSS property to change the border of an element to YUV 67.6890, 14.9433, -33.0533 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(30, 81, 98) }
```


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

```
.border{ border-color:rgb(30, 81, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 81, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 81, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 81, 98);  
box-shadow:4px 4px 4px 4px rgb(30, 81, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.6890, 14.9433, -33.0533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 81, 98) }
```

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

```
.background{ background-color: rgb(30, 81,  
98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor