

Converting Colors

YUV(67.2330, 13.1961,
-32.6533)

Have a look what the booklet for
YUV(67.2330, 13.1961, -32.6533)
contains.

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Color

**YUV(67.2330, 13.1961,
-32.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	1E515E
RGB	30, 81, 94
RGB Percent	12%, 32%, 37%
CMY	0.8824, 0.6824, 0.6314
CMYK	0.68, 0.14, 0.00, 0.63
HSL	192°, 52%, 24%
HSV	192°, 68%, 37%
XYZ	5.4982, 6.9690, 11.6450
YIQ	67.2330, -34.5690, -6.7690

Conversions

Conversions Part 2

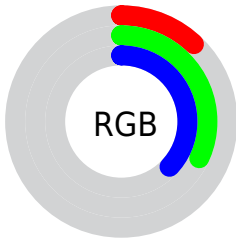
Format	Color
RYB	30, 58, 94
Decimal	1986910
CIELab	31.74, -12.39, -12.63
CIELCh	32, 17.690, 225.560
Yxy	6.9690, 0.2280, 0.2890
Android (android.graphics.Color)	4280176990 (0xFF1E515E)
YUV	67.2330, 13.1961, -32.6533
Hunter-Lab	26.3989, -9.0211, -7.6747




Details

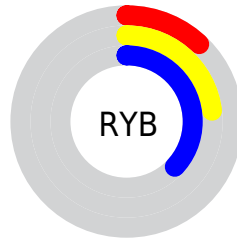
The YUV color **67.2330, 13.1961, -32.6533** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.7670, -13.1961, 32.6533**, and the grayscale version is **67.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **117.2440, 13.1907, -30.9090**, and **26.6040, 10.5482, -23.3317** is the 20% darker color. If you saturate the color by 10%, you get **63.3680, 15.1016, -37.1567**, and if you desaturate by 10%, it is **71.0980, 11.2907, -28.1499**.

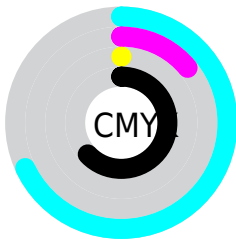
Distribution







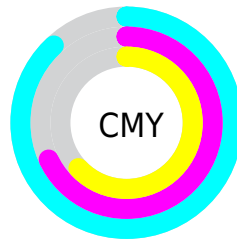
-  Red (12%)
-  Green (32%)
-  Blue (37%)






-  Red (12%)
-  Yellow (23%)
-  Blue (37%)



-  Cyan (68%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (88%)
-  Magenta (68%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2330, 13.1961, -32.6533 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 67.2330, 13.1961, -32.6533 by changing the saturation by 10% instead.

■ 67.2330, 13.1961,
-32.6533

■ 67.2330, 13.1961,
-32.6533

■ 255.0000, 0.0000,
0.0000

■ 42.0260, 13.7912,
-36.8568

■ 117.2440, 13.1907,
-30.9090

■ 26.6040, 10.5482,
-23.3317

■ 143.9450, 13.3381,
-31.5238

■ 10.7090, 8.0315,
-9.3918

■ 170.3580, 13.6275,
-31.0090

■ 0.0000, 0.0000,
0.0000

■ 198.0590, 13.7749,
-31.6237

■ 226.1730, 14.2117,
-31.7237

■ 243.9370, 5.4541,

-22.7467

252.6080, 1.1793,
-4.9182

67.2330, 13.1961,
-32.6533

67.2330, 13.1961,
-32.6533

63.3680, 15.1016,
-37.1567

71.0980, 11.2907,
-28.1499

59.2040, 17.1544,
-42.2749

75.2620, 9.2378,
-23.0318

55.3390, 19.0599,
-46.7783

79.1270, 7.3324,
-18.5284

54.7410, 19.3547,
-48.0079

83.2910, 5.2795,
-13.4102

87.1560, 3.3741,
-8.9068

■ 90.4340, 1.7580,
-3.8886

■ 94.5980, -0.2948,
1.2296

■ 98.4630, -2.2003,
5.7329

■ 102.6270, -4.2531,
10.8511

Harmonies

Analogous

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



66.7510, 7.5178, -31.3536



67.2330, 13.1961, -32.6533



71.0540, 14.7634, -21.9724

Triad

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



67.2330, 13.1961, -32.6533



76.8050, 2.5611, 18.5880



73.1070, -12.3778, 3.4142

Complementary

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



67.2330, 13.1961, -32.6533



56.7670, -13.1961, 32.6533

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.



74.0590, -12.8471, 13.9803



67.2330, 13.1961, -32.6533



75.8180, -3.8543, 22.9616

Square

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



67.2330, 13.1961, -32.6533



76.6340, 8.5614, 7.3370



75.2000, -9.9586, 20.8726



71.4690, -8.1192, -9.1813

Rectangle

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



67.2330, 13.1961, -32.6533



73.5930, 14.0047, -11.9211



75.2000, -9.9586, 20.8726



73.9010, -13.2622, 7.1028

Sweetspot

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



67.2330, 13.1961, -32.6533



111.8890, 4.9847, -12.1807



69.0500, -12.8426, -34.2468



55.0530, 2.9319, -7.0625



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



67.2330, 13.1961, -32.6533



80.3600, 20.5285, -51.1817



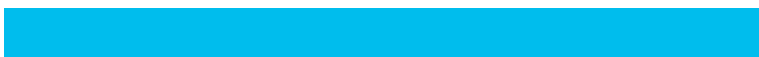
48.4490, 22.4566, -16.1798



43.9180, 1.0264, -2.5591



63.6090, 22.8708, -55.7851



137.9610, 48.8262, -120.9918

Inverse Universe

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



54.9500, 12.8427, 34.2469



61.0200, 20.2031, 53.4795



75.5510, -22.4566, 16.1798



42.9510, 1.0102, 2.6740



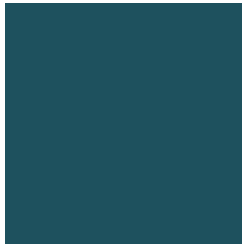
42.8080, 21.7867, 58.9274



92.4090, 47.6194, 126.8063

Previews

White Background



This preview shows how the YUV color 67.2330, 13.1961, -32.6533 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 67.2330, 13.1961, -32.6533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

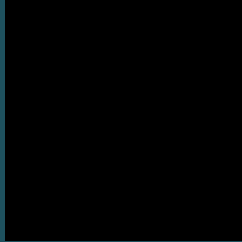
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2330, 13.1961, -32.6533

Background



This preview shows how black text looks on a background with the YUV color 67.2330, 13.1961, -32.6533.



This preview shows how white text looks on a background with the YUV color 67.2330, 13.1961,

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

67.2330, 13.1961, -32.6533

Protanopia

74.8130, 6.9942, -3.3440

Deuteranopia

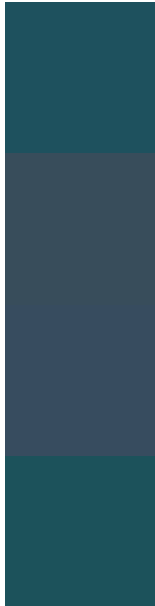
74.7250, 10.4886, -4.1438



Tritanopia

66.3530, 11.1650, -34.5126

Trichromacy



Original Color

67.2330, 13.1961, -32.6533

Protanomaly

72.3170, 9.2107, -14.3100

Deuteranomaly

71.8870, 11.3947, -14.8099

Tritanomaly

66.8800, 11.8912, -34.0978

Monochromacy



Original Color

67.2330, 13.1961, -32.6533

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1880, 4.8373, -11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2330, 13.1961, -32.6533 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, 94)` looks like.

```
.text, #text, p{  
    color:rgb(30, 81, 94)  
}
```

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, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 81, 94) }
```

Border

The CSS property to change the border of an element to YUV 67.2330, 13.1961, -32.6533 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, 94) }
```


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

```
.border{ border-color:rgb(30, 81, 94) }
```

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, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 81, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 81, 94);  
box-shadow:4px 4px 4px 4px rgb(30, 81, 94)  
}
```

Background

The CSS property to change the background color of an element to YUV 67.2330, 13.1961, -32.6533 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, 94) }
```

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

```
.background{ background-color: rgb(30, 81,  
94) }
```

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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