

Converting Colors

YUV(29.5250, 3.6852, -15.3694)

Have a look what the booklet for
YUV(29.5250, 3.6852, -15.3694)
contains.

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Color

**YUV(29.5250, 3.6852,
-15.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2525
RGB	12, 37, 37
RGB Percent	5%, 15%, 15%
CMY	0.9529, 0.8549, 0.8549
CMYK	0.68, 0.00, 0.00, 0.85
HSL	180°, 51%, 10%
HSV	180°, 68%, 15%
XYZ	1.1471, 1.5349, 1.9861
YIQ	29.5250, -14.9000, -5.3000

Conversions

Conversions Part 2

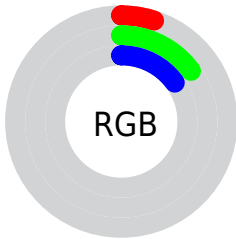
Format	Color
R_{YB}	12, 25, 37
Decimal	795941
CIE _{Lab}	12.83, -9.57, -2.94
CIE _{LCh}	13, 10.011, 197.099
Yxy	1.5349, 0.2457, 0.3288
Android (android.graphics.Color)	4278986021 (0xFF0C2525)
YUV	29.5250, 3.6852, -15.3694
Hunter-Lab	12.3890, -5.1531, -0.8324

Details

The YUV color **29.5250, 3.6852, -15.3694** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **19.4750, -3.6852, 15.3694**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.5250, 3.6852, -15.3694**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **28.3290, 4.2748, -17.8285**, and if you desaturate by 10%, it is **30.7210, 3.0955, -12.9103**.

Distribution



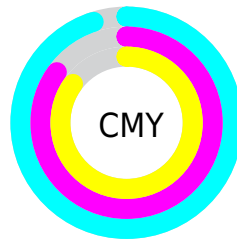
- Red (5%)
- Green (15%)
- Blue (15%)



- Red (5%)
- Yellow (10%)
- Blue (15%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 29.5250, 3.6852, -15.3694 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 29.5250, 3.6852, -15.3694 by changing the saturation by 10% instead.

■ 29.5250, 3.6852,
-15.3694

■ 29.5250, 3.6852,
-15.3694

■ 250.5150, 2.2111,
-9.2217

■ 11.8030, 2.0691,
-10.3512

■ 74.5250, 3.6852,
-15.3694

■ 0.0000, 0.0000,
0.0000

■ 98.2260, 3.8326,
-15.9842

■ 123.2260, 3.8326,
-15.9842

■ 148.9270, 3.9800,
-16.5990

■ 175.6280, 4.1274,
-17.2138

■ 203.2150, 3.8380,

-17.7286

■ 231.3290, 4.2748,
-17.8285

■ 29.5250, 3.6852,
-15.3694

■ 29.5250, 3.6852,
-15.3694

■ 28.3290, 4.2748,
-17.8285

■ 30.7210, 3.0955,
-12.9103

■ 27.4320, 4.7170,
-19.6729

■ 31.6180, 2.6533,
-11.0660

■ 26.2360, 5.3067,
-22.1320

■ 32.8140, 2.0637,
-8.6069

■ 25.9370, 5.4541,
-22.7467

■ 34.0100, 1.4741,
-6.1478

■ 35.2060, 0.8844,
-3.6887

■ 36.1030, 0.4422,
-1.8443

■ 37.2990, -0.1474,
0.6148

■ 38.4950, -0.7370,
3.0739

■ 39.3920, -1.1793,
4.9182

Harmonies

Analogous

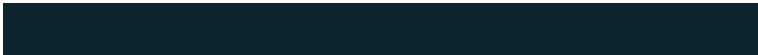
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.5210, -0.2569, -10.9809



29.5250, 3.6852, -15.3694



29.6220, 6.5954, -15.4545

Triad

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



29.5250, 3.6852, -15.3694



34.1730, 4.3517, 4.2333



33.3230, -6.5682, 6.7327

Complementary

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



29.5250, 3.6852, -15.3694



19.4750, -3.6852, 15.3694

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.



33.1000, -4.9793, 10.4363



29.5250, 3.6852, -15.3694



33.9950, 0.9885, 9.6514

Square

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



29.5250, 3.6852, -15.3694



32.9980, 6.4100, -2.6292



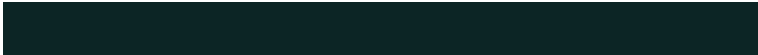
33.7950, -2.3639, 11.5808



32.4040, -6.1152, 1.3997

Rectangle

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



29.5250, 3.6852, -15.3694



30.8720, 7.4581, -12.1657



33.7950, -2.3639, 11.5808



33.4480, -6.1369, 8.3771

Sweetspot

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



29.5250, 3.6852, -15.3694



45.3090, 1.3267, -5.5330



26.6750, -7.2348, -12.8700



23.9070, 1.0318, -4.3034



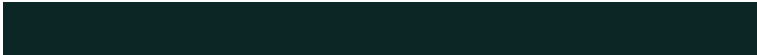
153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



29.5250, 3.6852, -15.3694



36.3390, 5.7489, -23.9763



22.4810, 7.1579, -9.1918



17.4020, 0.2948, -1.2296



57.4820, 12.0874, -50.4117



146.5090, 30.8081, -128.4884

Inverse Universe

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



22.3250, 7.2348, 12.8700



25.1070, 11.2862, 20.0772



27.1060, -7.4473, 8.6770



16.8260, 0.5788, 1.0296



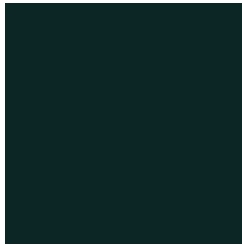
33.8660, 23.7301, 42.2135



86.3170, 60.4827, 107.5930

Previews

White Background



This preview shows how the YUV color 29.5250, 3.6852, -15.3694 looks on a white background.

Color Contrast Check

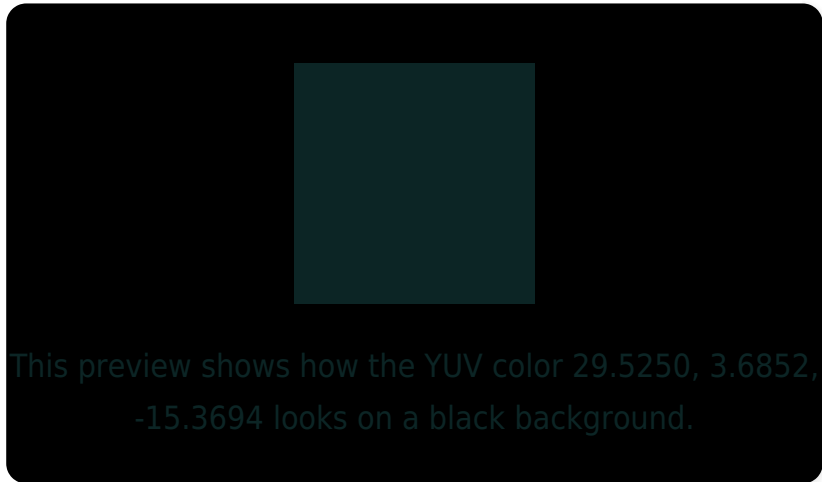
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

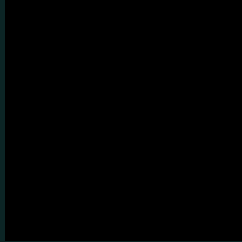
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

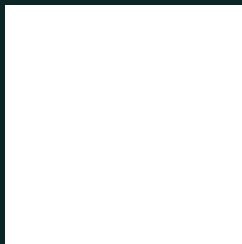
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 29.5250, 3.6852, -15.3694

Background



This preview shows how black text looks on a background with the YUV color 29.5250, 3.6852, -15.3694.



This preview shows how white text looks on a background with the YUV color 29.5250, 3.6852, -15.3694.

-15.3694.

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

29.5250, 3.6852, -15.3694

Protanopia

33.5270, 0.7262, 0.4148

Deuteranopia

33.8690, 2.0366, 0.1149



Tritanopia

30.1660, 4.8482, -15.0546

Trichromacy



Original Color

29.5250, 3.6852, -15.3694

Protanomaly

31.8360, 2.0529, -5.1182

Deuteranomaly

32.0640, 2.9264, -5.3181

Tritanomaly

30.0520, 4.4114, -14.9546

Monochromacy



Original Color

29.5250, 3.6852, -15.3694

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.0100, 1.4741, -6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 29.5250, 3.6852, -15.3694 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(12, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(12, 37, 37)  
}
```

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(12, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 37, 37) }
```

Border

The CSS property to change the border of an element to YUV 29.5250, 3.6852, -15.3694 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(12, 37, 37) }
```


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

```
.border{ border-color:rgb(12, 37, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 37, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 37, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 37, 37);  
box-shadow:4px 4px 4px 4px rgb(12, 37, 37)  
}
```

Background

The CSS property to change the background color of an element to YUV 29.5250, 3.6852, -15.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 37, 37) }
```

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

```
.background{ background-color: rgb(12, 37,  
37) }
```

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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