

Converting Colors

YUV(15.9630, 2.9762, 25.4654)

Have a look what the booklet for
YUV(15.9630, 2.9762, 25.4654)
contains.

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Color

**YUV(15.9630, 2.9762,
25.4654)**

Conversions

Conversions Part 1

Format	Color
Hex	2D0016
RGB	45, 0, 22
RGB Percent	18%, 0%, 9%
CMY	0.8235, 1.0000, 0.9137
CMYK	0.00, 1.00, 0.51, 0.82
HSL	331°, 100%, 9%
HSV	331°, 100%, 18%
XYZ	1.2270, 0.6158, 0.8133
YIQ	15.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

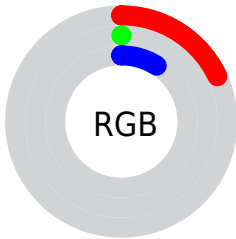
Format	Color
RYB	45, 0, 22
Decimal	2949142
CIELab	5.56, 24.35, -2.04
CIELCh	6, 24.436, 355.208
Yxy	0.6158, 0.4620, 0.2319
Android (android.graphics.Color)	4281139222 (0xFF2D0016)
YUV	15.9630, 2.9762, 25.4654
Hunter-Lab	7.8474, 14.1771, -0.6512

Details

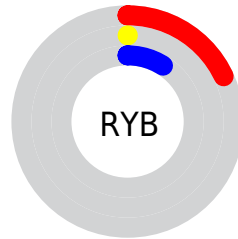
The YUV color **15.9630, 2.9762, 25.4654** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **29.0370, -2.9762, -25.4654**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **61.5180, 1.2236, 27.6097**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.9630, 2.9762, 25.4654**, and if you desaturate by 10%, it is **18.5390, 2.6923, 23.2063**.

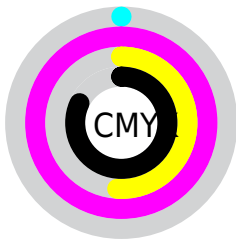
Distribution



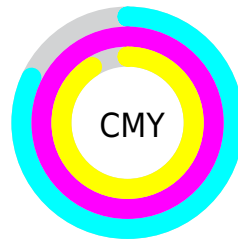
- Red (18%)
- Green (0%)
- Blue (9%)



- Red (18%)
- Yellow (0%)
- Blue (9%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (82%)



- Cyan (82%)
- Magenta (100%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.9630, 2.9762, 25.4654 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 15.9630, 2.9762, 25.4654 by changing the saturation by 10% instead.

15.9630, 2.9762,
25.4654

15.9630, 2.9762,
25.4654

237.0650, 4.8980,
15.7290

3.8870, -1.9163,
7.9921

61.5180, 1.2236,
27.6097

0.0000, 0.0000,
0.0000

85.5290, 1.2182,
29.3541


110.7140, 0.6340,
30.0688


136.3120, 0.3392,
31.2984

163.0240, 0.4812,
32.4280

189.7360, 0.6232,

33.5575


 217.3230, 0.3338,
33.0427


 15.9630, 2.9762,
25.4654

 18.5390, 2.6923,
23.2063

 21.8160, 2.5557,
20.3324

 24.9790, 1.9824,
17.5584

 27.5550, 1.6984,
15.2993

 30.7180, 1.1250,
12.5253

■ 33.4080, 1.2779,
10.1662

■ 36.5710, 0.7045,
7.3922

■ 39.1470, 0.4205,
5.1331

■ 42.4240, 0.2840,
2.2592

Harmonies

Analogous

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



18.2050, 9.2659, 14.7292



15.9630, 2.9762, 25.4654



14.6400, -7.2175, 28.3797

Triad

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



15.9630, 2.9762, 25.4654



14.6970, -7.2456, -9.3813



20.3920, 12.1317, -17.8838

Complementary

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



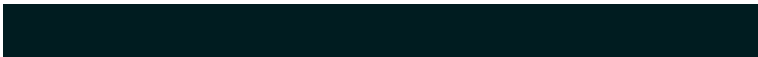
15.9630, 2.9762, 25.4654



29.0370, -2.9762, -25.4654

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.



20.0840, 5.8746, -17.6137



15.9630, 2.9762, 25.4654



15.2620, -7.5242, -13.3848

Square

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



15.9630, 2.9762, 25.4654



18.0520, -8.8996, 7.8474



18.0320, -1.9878, -15.8141



18.1410, 16.1995, -15.9097

Rectangle

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



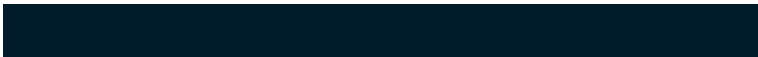
15.9630, 2.9762, 25.4654



16.0800, -7.9274, 22.7318



18.0320, -1.9878, -15.8141



20.5230, 10.0952, -17.9987

Sweetspot

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



15.9630, 2.9762, 25.4654



47.4080, 1.2779, 10.1662



12.0070, 16.2655, 9.6409



23.8590, 0.5625, 6.2627



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



15.9630, 2.9762, 25.4654



20.9470, 3.9701, 33.3725



13.4550, -6.6333, 27.6650



21.7120, 0.1420, 1.1296



30.8010, 5.5211, 49.2865



75.9560, 14.3187, 121.0646

Inverse Universe

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



15.9630, 2.9762, 25.4654



20.9470, 3.9701, 33.3725



31.5450, 6.6333, -27.6650



21.7120, 0.1420, 1.1296



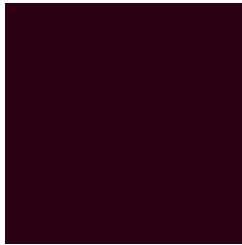
30.8010, 5.5211, 49.2865



75.9560, 14.3187, 121.0646

Previews

White Background



This preview shows how the YUV color 15.9630, 2.9762, 25.4654 looks on a white background.

Color Contrast Check

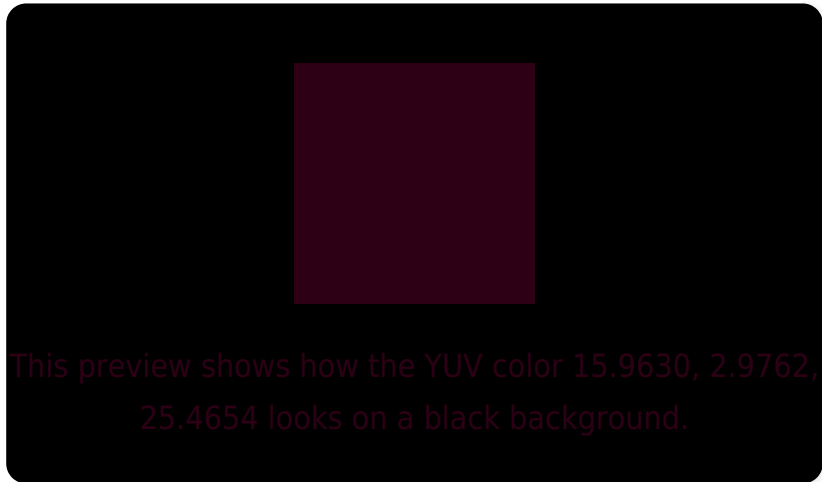
Large Text (above 18pt) WCAG AA ✓ Pass

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

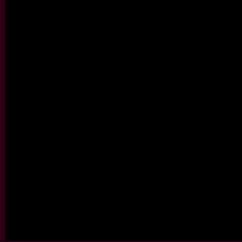
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.9630, 2.9762, 25.4654

Background



This preview shows how black text looks on a background with the YUV color 15.9630, 2.9762, 25.4654.



This preview shows how white text looks on a background with the YUV color 15.9630, 2.9762,

25.4654.

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

15.9630, 2.9762, 25.4654

Protanopia

23.4280, 4.2260, -2.1294

Deuteranopia

23.2670, -1.6106, 3.2738



Tritanopia

19.4650, -5.1592, 21.5172

Trichromacy



Original Color

15.9630, 2.9762, 25.4654

Protanomaly

20.9670, 3.4673, 7.9219

Deuteranomaly

20.7780, 0.1094, 11.5957

Tritanomaly

18.2740, -2.1071, 22.5617

Monochromacy



Original Color

15.9630, 2.9762, 25.4654

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

15.9950, 0.9885, 9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.9630, 2.9762, 25.4654 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(45, 0, 22)` looks like.

```
.text, #text, p{  
    color:rgb(45, 0, 22)  
}
```

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(45, 0, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 0, 22) }
```

Border

The CSS property to change the border of an element to YUV 15.9630, 2.9762, 25.4654 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(45, 0, 22) }
```


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

```
.border{ border-color:rgb(45, 0, 22) }
```

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

Here you see how a box with a 4 pixel rgb(45, 0, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 0, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(45, 0, 22); box-shadow:4px  
4px 4px 4px rgb(45, 0, 22) }
```

Background

The CSS property to change the background color of an element to YUV 15.9630, 2.9762, 25.4654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 0, 22) }
```

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

```
.background{ background-color: rgb(45, 0,  
22) }
```

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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