

Converting Colors

YUV(15.6660, -6.7373, 14.3249)

Have a look what the booklet for
YUV(15.6660, -6.7373, 14.3249)
contains.

| | |
|--|----|
| YUV(15.6660, -6.7373, 14.3249) | 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(15.6660, -6.7373,
14.3249)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 200A02 |
| RGB | 32, 10, 2 |
| RGB Percent | 13%, 4%, 1% |
| CMY | 0.8745, 0.9608, 0.9922 |
| CMYK | 0.00, 0.69, 0.94, 0.87 |
| HSL | 16°, 88%, 7% |
| HSV | 16°, 94%, 13% |
| XYZ | 0.7152, 0.5285, 0.1218 |
| YIQ | 15.6660, 15.6800, 2.1760 |

Conversions

Conversions Part 2

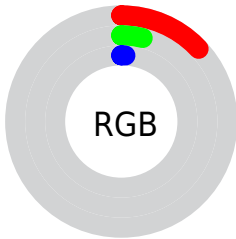
| Format | Color |
|-------------------------------------|---|
| RYB | 32, 13, 2 |
| Decimal | 2099714 |
| CIELab | 4.77, 8.72, 6.49 |
| CIELCh | 5, 10.868, 36.668 |
| Yxy | 0.5285, 0.5238, 0.3871 |
| Android (android.graphics.Color) | 4280289794 (0xFF200A02) |
| YUV | 15.6660, -6.7373, 14.3249 |
| Hunter-Lab | 7.2701, 4.8365, 4.0961 |

Details

The YUV color **15.6660, -6.7373, 14.3249** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **18.3340, 6.7373, -14.3249**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.7090, -5.2795, 13.4102**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.8510, -7.3215, 15.0397**, and if you desaturate by 10%, it is **17.1820, -6.0057, 12.9954**.

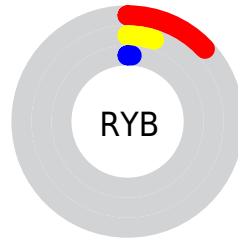
Distribution



Red (13%)

Green (4%)

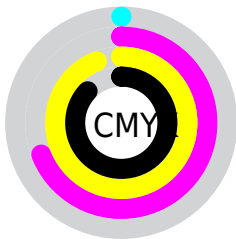
Blue (1%)



Red (13%)

Yellow (5%)

Blue (1%)

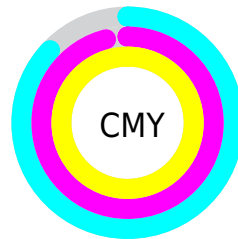


Cyan (0%)

Magenta (69%)

Yellow (94%)

Black (87%)



Cyan (87%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.6660, -6.7373, 14.3249 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 15.6660, -6.7373, 14.3249 by changing the saturation by 10% instead.

■ 15.6660, -6.7373,
14.3249

■ 15.6660, -6.7373,
14.3249

■ 239.5950, -5.7163,
13.5102

■ 0.0000, 0.0000,
0.0000

■ 59.7090, -5.2795,
13.4102

■ 83.0080, -5.4269,
14.0250

■ 107.1930, -6.0111,
14.7397


■ 132.7910, -6.3060,
15.9693


■ 158.2040, -6.0166,
16.4841


■ 185.3890, -6.6008,


17.1988


 213.3890, -6.6008,
17.1988


 15.6660, -6.7373,
14.3249


 15.6660, -6.7373,
14.3249


 14.8510, -7.3215,
15.0397

 17.1820, -6.0057,
12.9954

 19.2850, -5.5635,
11.1511

 20.9150, -4.3951,
9.7215

 22.4310, -3.6635,
8.3920

 24.5340, -3.2213,
6.5477

■ 26.0500, -2.4896,
5.2182

■ 27.5660, -1.7580,
3.8886

■ 29.7830, -0.8790,
1.9443

■ 31.2990, -0.1474,
0.6148

Harmonies

Analogous

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



16.4470, -1.2064, 13.6400



15.6660, -6.7373, 14.3249



16.0030, -7.8895, 10.5214

Triad

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



15.6660, -6.7373, 14.3249



13.0110, -3.4564, -11.4106



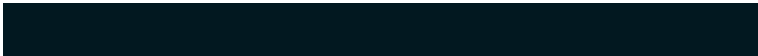
15.3180, 7.7312, -6.4179

Complementary

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



15.6660, -6.7373, 14.3249



18.3340, 6.7373, -14.3249

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.



14.5730, 7.6055, -12.7805



15.6660, -6.7373, 14.3249



14.9660, 1.4958, -13.1252

Square

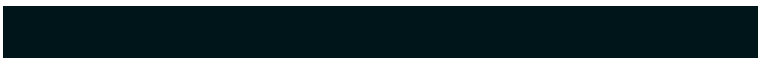
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.6660, -6.7373, 14.3249



14.1430, -6.9725, -3.6334



15.1770, 4.8427, -13.3102



17.2160, 5.8095, 3.3186

Rectangle

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



15.6660, -6.7373, 14.3249



15.6820, -7.7312, 6.4179



15.1770, 4.8427, -13.3102



14.1110, 8.3263, -10.6213

Sweetspot

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



15.6660, -6.7373, 14.3249



34.3490, -2.6371, 5.8329



13.4780, 5.1873, 16.2438



16.2670, -1.6106, 3.2738



148.0000, 0.0000, 0.0000



20.0000, 0.0000, 0.0000

Same Dimension

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



15.6660, -6.7373, 14.3249



18.7160, -9.2270, 19.5431



24.4710, -11.0782, 6.6029



14.2990, -0.1474, 0.6148



35.9480, -17.7224, 37.7566



94.1780, -46.4298, 98.9449

Inverse Universe

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



18.3340, 6.7373, -14.3249



22.2840, 9.2270, -19.5431



9.5290, 11.0782, -6.6029



14.7010, 0.1474, -0.6148



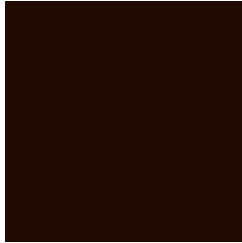
43.0520, 17.7224, -37.7566



112.2350, 46.7191, -98.4301

Previews

White Background



This preview shows how the YUV color 15.6660, -6.7373, 14.3249 looks on a white background.

Color Contrast Check

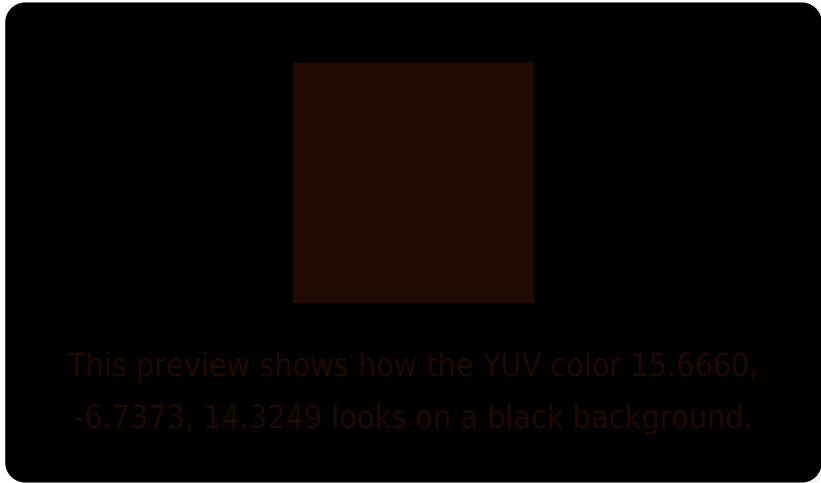
Large Text (above 18pt) WCAG AA ✓ Pass

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

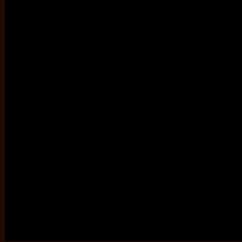
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.6660, -6.7373, 14.3249

Background



This preview shows how black text looks on a background with the YUV color 15.6660, -6.7373, 14.3249.



This preview shows how white text looks on a background with the YUV color 15.6660, -6.7373,

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

15.6660, -6.7373, 14.3249

Protanopia

17.0020, -6.4100, 2.6292

Deuteranopia

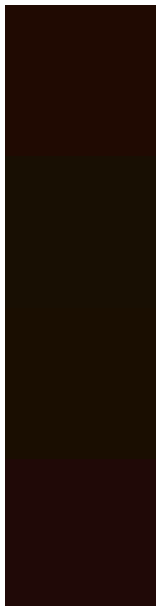
16.8560, -8.3100, 5.3883



Tritanopia

15.9910, -2.9536, 14.0399

Trichromacy



Original Color

15.6660, -6.7373, 14.3249

Protanomaly

16.3230, -6.5682, 6.7327

Deuteranomaly

16.1060, -7.4473, 8.6770

Tritanomaly

15.6490, -4.2640, 14.3398

Monochromacy



Original Color

15.6660, -6.7373, 14.3249

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

16.0500, -2.4897, 5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.6660, -6.7373, 14.3249 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(32, 10, 2)` looks like.

```
.text, #text, p{  
    color:rgb(32, 10, 2)  
}
```

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(32, 10, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 10, 2) }
```

Border

The CSS property to change the border of an element to YUV 15.6660, -6.7373, 14.3249 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(32, 10, 2) }
```


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

```
.border{ border-color:rgb(32, 10, 2) }
```

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

Here you see how a box with a 4 pixel rgb(32, 10, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 10, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 10, 2); box-shadow:4px  
4px 4px 4px rgb(32, 10, 2) }
```

Background

The CSS property to change the background color of an element to YUV 15.6660, -6.7373, 14.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 10, 2) }
```

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

```
.background{ background-color: rgb(32, 10,  
2) }
```

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