

Converting Colors

YUV(33.7020, 15.4299, -2.3697)

Have a look what the booklet for
YUV(33.7020, 15.4299, -2.3697)
contains.

YUV(33.7020, 15.4299, -2.3697)	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(33.7020, 15.4299,
-2.3697)**

Conversions

Conversions Part 1

Format	Color
Hex	1F1D41
RGB	31, 29, 65
RGB Percent	12%, 11%, 25%
CMY	0.8784, 0.8863, 0.7451
CMYK	0.52, 0.55, 0.00, 0.75
HSL	243°, 38%, 18%
HSV	243°, 55%, 25%
XYZ	1.9586, 1.5517, 5.1973
YIQ	33.7020, -10.3640, 11.6200

Conversions

Conversions Part 2

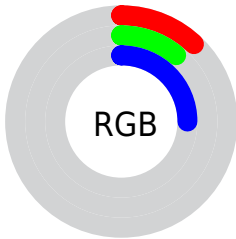
Format	Color
RYB	31, 29, 65
Decimal	2039105
CIELab	12.93, 12.37, -22.67
CIELCh	13, 25.820, 298.620
Yxy	1.5517, 0.2249, 0.1782
Android (android.graphics.Color)	4280229185 (0xFF1F1D41)
YUV	33.7020, 15.4299, -2.3697
Hunter-Lab	12.4567, 6.2665, -16.0179

Details

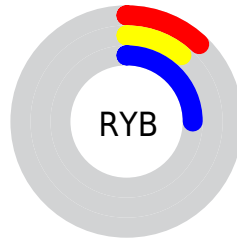
The YUV color **33.7020, 15.4299, -2.3697** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **60.2980, -15.4299, 2.3697**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0550, 16.7349, -0.9252**, and **2.9810, 8.8834, -2.6143** is the 20% darker color. If you saturate the color by 10%, you get **27.7990, 18.3401, -2.4547**, and if you desaturate by 10%, it is **39.6050, 12.5197, -2.2846**.

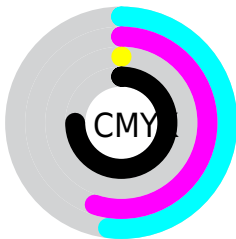
Distribution



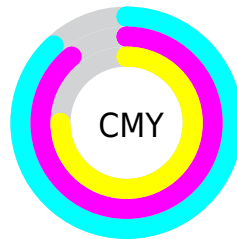
- Red (12%)
- Green (11%)
- Blue (25%)



- Red (12%)
- Yellow (11%)
- Blue (25%)



- Cyan (52%)
- Magenta (55%)
- Yellow (0%)
- Black (75%)



- Cyan (88%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7020, 15.4299, -2.3697 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 33.7020, 15.4299, -2.3697 by changing the saturation by 10% instead.

■ 33.7020, 15.4299,
-2.3697

■ 33.7020, 15.4299,
-2.3697

■ 255.0000, 0.0000,
0.0000

■ 10.5390, 16.0033,
0.4043

■ 79.0550, 16.7349,
-0.9252

■ 2.9810, 8.8834,
-2.6143

■ 102.6960, 17.8979,
-0.6104

■ 0.0000, 0.0000,
0.0000

■ 128.1090, 18.1873,
-0.0956

■ 154.2230, 18.6241,
-0.1956

■ 180.7500, 19.3502,
0.2193

■ 208.8640, 19.7870,

0.1193

■ 234.6550, 10.0301,
2.9336

■ 33.7020, 15.4299,
-2.3697

■ 33.7020, 15.4299,
-2.3697

■ 27.7990, 18.3401,
-2.4547

■ 39.6050, 12.5197,
-2.2846

■ 22.4830, 20.9609,
-3.0546

■ 44.9210, 9.8989,
-1.6847

■ 16.5800, 23.8711,
-3.1397

■ 50.8240, 6.9888,
-1.5996

■ 10.9650, 26.6393,
-4.3543

■ 56.4390, 4.2206,
-0.3850

■ 8.6060, 27.8022,
-4.0395

■ 61.7550, 1.5998,
0.2149

■ 67.6580, -1.3104,
0.2999

■ 72.9740, -3.9312,
0.8998

■ 78.8770, -6.8414,
0.9849

■ 84.7800, -9.7515,
1.0699

Harmonies

Analogous

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



28.9980, 19.7210, -25.4312



33.7020, 15.4299, -2.3697



34.4010, 8.6763, 17.1883

Triad

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



33.7020, 15.4299, -2.3697



31.7180, -15.6370, 22.1723



28.3020, 1.8231, -24.8209

Complementary

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



33.7020, 15.4299, -2.3697



60.2980, -15.4299, 2.3697

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.



24.8480, -6.3341, -21.7917



33.7020, 15.4299, -2.3697



31.6410, -15.5990, 9.9618

Square

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



33.7020, 15.4299, -2.3697



31.0530, -6.9281, 28.8945



29.7920, -14.6875, -2.4486



29.7670, 9.9749, -26.1057

Rectangle

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



33.7020, 15.4299, -2.3697



32.6040, 4.1392, 25.7803



29.7920, -14.6875, -2.4486



27.0310, -0.5083, -23.7062

Sweetspot

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



33.7020, 15.4299, -2.3697



71.8950, 5.9678, -0.7849



53.0620, 5.8854, -21.1024



35.9120, 3.4944, -0.7998



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



33.7020, 15.4299, -2.3697



36.1670, 23.5817, -3.6545



39.0840, 12.7766, 8.6963



30.3420, 1.3104, -0.2999



12.5530, 41.6324, -6.6240



29.1240, 96.0739, -15.0177

Inverse Universe

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



43.6400, 9.5445, 18.7327



51.3730, 14.6061, 28.6139



54.9160, -12.7766, -8.6963



31.2390, 0.8682, 1.5444



39.4910, 25.8869, 50.4354



91.1440, 59.5820, 116.5147

Previews

White Background



This preview shows how the YUV color 33.7020, 15.4299, -2.3697 looks on a white background.

Color Contrast Check

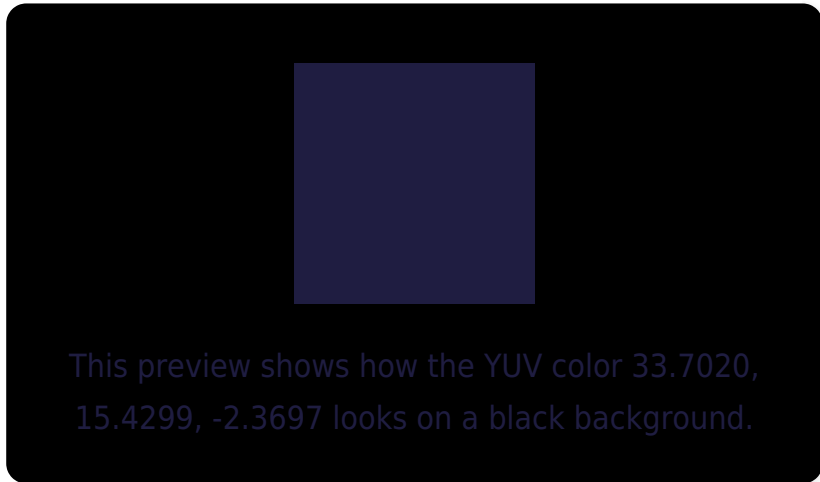
Large Text (above 18pt) WCAG AA ✓ Pass

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

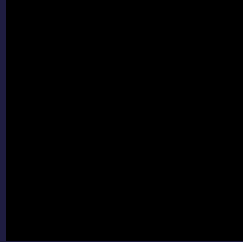
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.7020, 15.4299, -2.3697

Background



This preview shows how black text looks on a background with the YUV color 33.7020, 15.4299, -2.3697.



This preview shows how white text looks on a background with the YUV color 33.7020, 15.4299,

-2.3697.

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

33.7020, 15.4299, -2.3697

Protanopia

28.1450, 20.1415, -20.2982

Deuteranopia

26.7980, 16.3686, -23.5018



Tritanopia

32.1560, 3.3741, -8.9068

Trichromacy



Original Color

33.7020, 15.4299, -2.3697

Protanomaly

30.1350, 18.6674, -14.1504

Deuteranomaly

29.1410, 16.1995, -15.9097

Tritanomaly

32.3180, 7.7312, -6.4179

Monochromacy



Original Color

33.7020, 15.4299, -2.3697

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.7810, 5.5310, -0.6849

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7020, 15.4299, -2.3697 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(31, 29, 65)` looks like.

```
.text, #text, p{  
    color:rgb(31, 29, 65)  
}
```

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(31, 29, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 29, 65) }
```

Border

The CSS property to change the border of an element to YUV 33.7020, 15.4299, -2.3697 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(31, 29, 65) }
```


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

```
.border{ border-color:rgb(31, 29, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 29, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 29, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 29, 65);  
box-shadow:4px 4px 4px 4px rgb(31, 29, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.7020, 15.4299, -2.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 29, 65) }
```

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

```
.background{ background-color: rgb(31, 29,  
65) }
```

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