

Converting Colors

YUV(37.2140, 15.6705, 13.8443)

Have a look what the booklet for
YUV(37.2140, 15.6705, 13.8443)
contains.

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Color

**YUV(37.2140, 15.6705,
13.8443)**

Conversions

Conversions Part 1

Format	Color
Hex	351745
RGB	53, 23, 69
RGB Percent	21%, 9%, 27%
CMY	0.7922, 0.9098, 0.7294
CMYK	0.23, 0.67, 0.00, 0.73
HSL	279°, 50%, 18%
HSV	279°, 67%, 27%
XYZ	2.8488, 1.7993, 5.8274
YIQ	37.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

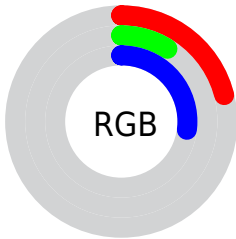
Format	Color
RYB	53, 23, 69
Decimal	3479365
CIELab	14.40, 24.29, -22.96
CIELCh	14, 33.427, 316.613
Yxy	1.7993, 0.2719, 0.1718
Android (android.graphics.Color)	4281669445 (0xFF351745)
YUV	37.2140, 15.6705, 13.8443
Hunter-Lab	13.4140, 14.4342, -16.3674




Details

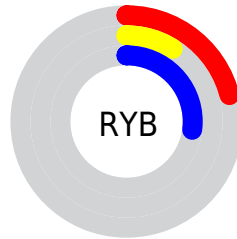
The YUV color **37.2140, 15.6705, 13.8443** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.7860, -15.6705, -13.8443**, and the grayscale version is **37.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **83.5670, 16.9755, 15.2887**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **32.5070, 17.9910, 16.2184**, and if you desaturate by 10%, it is **41.9210, 13.3499, 11.4703**.

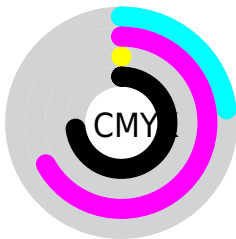
Distribution







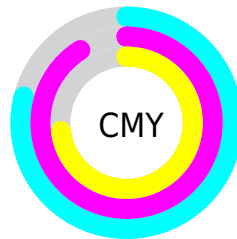
-  Red (21%)
-  Green (9%)
-  Blue (27%)






-  Red (21%)
-  Yellow (9%)
-  Blue (27%)



-  Cyan (23%)
-  Magenta (67%)
-  Yellow (0%)
-  Black (73%)



-  Cyan (79%)
-  Magenta (91%)
-  Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2140, 15.6705, 13.8443 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 37.2140, 15.6705, 13.8443 by changing the saturation by 10% instead.

■ 37.2140, 15.6705,
13.8443

■ 37.2140, 15.6705,
13.8443

■ 253.8260, 0.5788,
1.0296

■ 14.5130, 15.5231,
14.4591

■ 83.5670, 16.9755,
15.2887

■ 3.4370, 10.6306,
-3.0142

■ 108.2790, 17.1175,
16.4183

■ 0.0000, 0.0000,
0.0000

■ 133.8060, 17.8436,
16.8331

■ 160.2190, 18.1330,
17.3479

■ 187.0450, 18.7118,
18.3775

■ 215.4580, 19.0012,

18.8923

237.3900, 8.6817,
15.4440

37.2140, 15.6705,
13.8443

37.2140, 15.6705,
13.8443

32.5070, 17.9910,
16.2184

41.9210, 13.3499,
11.4703

27.5010, 20.4590,
17.9776

46.9270, 10.8820,
9.7110

22.7940, 22.7796,
20.3517

51.6340, 8.5614,
7.3370

21.3210, 23.5057,
20.7665

56.6400, 6.0935,
5.5777

61.3470, 3.7729,
3.2037

■ 65.4670, 1.7418,
1.3444

■ 70.4730, -0.7262,
-0.4148

■ 75.1800, -3.0467,
-2.7889

■ 80.1860, -5.5147,
-4.5481

Harmonies

Analogous

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



29.8930, 25.6888, -26.2162



37.2140, 15.6705, 13.8443



32.2830, 7.7485, 34.8318

Triad

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



37.2140, 15.6705, 13.8443



34.6420, -17.0785, 17.8540



33.1750, 7.8017, -29.0945

Complementary

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



37.2140, 15.6705, 13.8443



54.7860, -15.6705, -13.8443

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.



29.8520, -2.3920, -26.1802



37.2140, 15.6705, 13.8443



33.3580, -16.4455, 1.4400

Square

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



37.2140, 15.6705, 13.8443



32.6700, -16.1063, 32.7384



27.3230, -13.4702, -19.5773



34.9820, 17.2639, -30.6792

Rectangle

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



37.2140, 15.6705, 13.8443



30.1930, 0.8909, 41.0497



27.3230, -13.4702, -19.5773



32.2630, 4.3073, -28.2947

Sweetspot

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



37.2140, 15.6705, 13.8443



76.6400, 6.0935, 5.5777



37.6360, 15.4625, -12.8358



38.3470, 3.7729, 3.2037



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



37.2140, 15.6705, 13.8443



39.8480, 24.2319, 21.1813



41.2000, 10.2544, 24.3806



33.0540, 1.4524, 0.8296



30.7210, 33.6615, 30.0627



70.1300, 77.3369, 68.2920

Inverse Universe

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



38.5780, 0.2080, 26.6801



42.0790, 0.4541, 41.1497



50.8000, -10.2544, -24.3806



33.3100, -0.1528, 2.3591



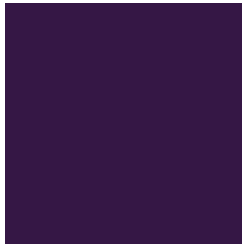
33.5910, 0.6946, 57.3637



76.8790, 1.0457, 131.6561

Previews

White Background



This preview shows how the YUV color 37.2140, 15.6705, 13.8443 looks on a white background.

Color Contrast Check

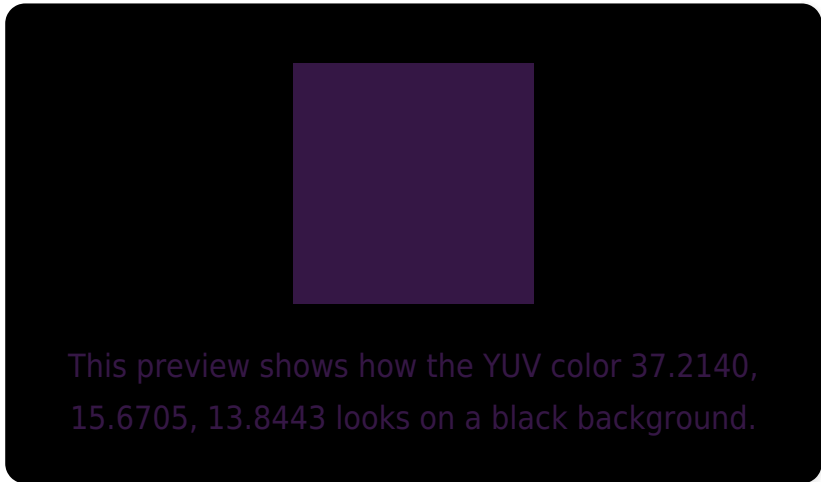
Large Text (above 18pt) WCAG AA ✓ Pass

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

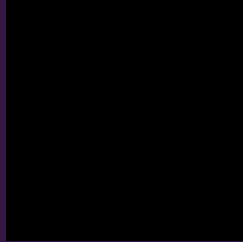
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2140, 15.6705, 13.8443

Background



This preview shows how black text looks on a background with the YUV color 37.2140, 15.6705, 13.8443.



This preview shows how white text looks on a background with the YUV color 37.2140, 15.6705,

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

37.2140, 15.6705, 13.8443

Protanopia

29.7960, 22.7786, -26.1311

Deuteranopia

33.1190, 16.2103, -19.3984



Tritanopia

37.8270, -0.9007, 8.9217

Trichromacy



Original Color

37.2140, 15.6705, 13.8443

Protanomaly

32.2000, 20.1144, -11.5764

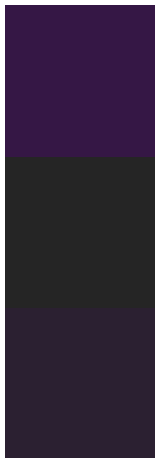
Deuteranomaly

34.7830, 15.8830, -7.7027

Tritanomaly

37.4450, 5.2036, 11.0107

Monochromacy



Original Color

37.2140, 15.6705, 13.8443

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2270, 5.8041, 5.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2140, 15.6705, 13.8443 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(53, 23, 69)` looks like.

```
.text, #text, p{  
    color:rgb(53, 23, 69)  
}
```

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(53, 23, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 23, 69) }
```

Border

The CSS property to change the border of an element to YUV 37.2140, 15.6705, 13.8443 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(53, 23, 69) }
```


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

```
.border{ border-color:rgb(53, 23, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 23, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 23, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 23, 69);  
box-shadow:4px 4px 4px 4px rgb(53, 23, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2140, 15.6705, 13.8443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 23, 69) }
```

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

```
.background{ background-color: rgb(53, 23,  
69) }
```

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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