

Converting Colors

YUV(36.9070, 17.7938,
-13.9504)

Have a look what the booklet for
YUV(36.9070, 17.7938, -13.9504)
contains.

YUV(36.9070, 17.7938, -13.9504)	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(36.9070, 17.7938,
-13.9504)**

Conversions

Conversions Part 1

Format	Color
Hex	152649
RGB	21, 38, 73
RGB Percent	8%, 15%, 29%
CMY	0.9176, 0.8510, 0.7137
CMYK	0.71, 0.48, 0.00, 0.71
HSL	220°, 55%, 18%
HSV	220°, 71%, 29%
XYZ	2.2050, 2.0267, 6.5783
YIQ	36.9070, -21.3670, 7.2810

Conversions

Conversions Part 2

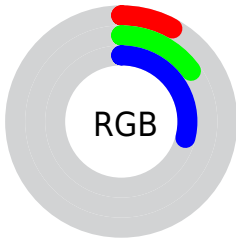
Format	Color
R_{YB}	21, 34, 73
Decimal	1386057
CIE Lab	15.63, 6.28, -23.95
CIE LCh	16, 24.759, 284.693
Yxy	2.0267, 0.2040, 0.1875
Android (android.graphics.Color)	4279576137 (0xFF152649)
YUV	36.9070, 17.7938, -13.9504
Hunter-Lab	14.2362, 2.7336, -17.4316

Details

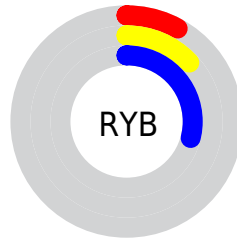
The YUV color **36.9070, 17.7938, -13.9504** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **57.0930, -17.7938, 13.9504**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.9720, 19.2408, -11.3764**, and **4.4800, 12.0884, -3.9290** is the 20% darker color. If you saturate the color by 10%, you get **31.8790, 20.2727, -15.6799**, and if you desaturate by 10%, it is **41.9350, 15.3150, -12.2210**.

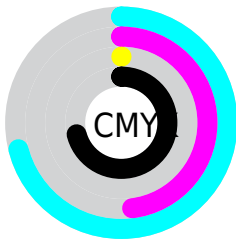
Distribution



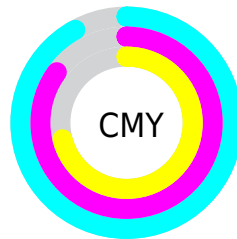
- Red (8%)
- Green (15%)
- Blue (29%)



- Red (8%)
- Yellow (13%)
- Blue (29%)



- Cyan (71%)
- Magenta (48%)
- Yellow (0%)
- Black (71%)



- Cyan (92%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9070, 17.7938, -13.9504 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 36.9070, 17.7938, -13.9504 by changing the saturation by 10% instead.

■ 36.9070, 17.7938,
-13.9504

■ 36.9070, 17.7938,
-13.9504

■ 255.0000, 0.0000,
0.0000

■ 15.6790, 16.9203,
-13.7505

■ 82.9720, 19.2408,
-11.3764

■ 4.4800, 12.0884,
-3.9290

■ 108.0860, 19.6776,
-11.4764

■ 0.0000, 0.0000,
0.0000

■ 133.6130, 20.4038,
-11.0616

■ 159.7270, 20.8406,
-11.1616

■ 186.8410, 21.2774,
-11.2616

■ 213.9120, 20.2564,

-10.4468

■ 239.6060, 7.5892,
-7.5475

■ 36.9070, 17.7938,
-13.9504

■ 36.9070, 17.7938,
-13.9504

■ 31.8790, 20.2727,
-15.6799

■ 41.9350, 15.3150,
-12.2210

■ 26.5520, 22.8989,
-18.0241

■ 47.2620, 12.6888,
-9.8768

■ 22.4100, 24.9409,
-19.6536

■ 52.2900, 10.2100,
-8.1473

■ 57.3180, 7.7312,
-6.4179

■ 62.3460, 5.2524,
-4.6884

■ 67.0860, 2.9156,
-1.8294

■ 72.1140, 0.4368,
-0.1000

■ 77.1420, -2.0420,
1.6295

■ 82.4690, -4.6682,
3.9737

Harmonies

Analogous

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



33.5630, 19.4424, -29.4348



36.9070, 17.7938, -13.9504



40.7420, 11.4662, 8.9963

Triad

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



36.9070, 17.7938, -13.9504



38.0650, -11.8640, 25.3760



30.8950, -0.9342, -27.0949

Complementary

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



36.9070, 17.7938, -13.9504



57.0930, -17.7938, 13.9504

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.



33.6490, -11.1660, -11.9702



36.9070, 17.7938, -13.9504



37.2890, -18.3835, 16.4095

Square

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



36.9070, 17.7938, -13.9504



38.2640, -3.5812, 28.7095



36.3260, -17.9087, 4.0991



32.9470, 6.9281, -28.8945

Rectangle

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



36.9070, 17.7938, -13.9504



39.9560, 6.9237, 19.3326



36.3260, -17.9087, 4.0991



29.6240, -3.2656, -25.9802

Sweetspot

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



36.9070, 17.7938, -13.9504



80.6880, 6.5628, -4.9884



55.5140, 0.2396, -30.2688



39.7160, 4.0840, -3.2589



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



36.9070, 17.7938, -13.9504



38.3820, 27.4197, -21.3830



29.6190, 21.3868, 0.3341



33.0430, 1.4578, -0.9147



30.6570, 33.6931, -26.8862



69.3160, 77.7382, -60.7901

Inverse Universe

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



38.4860, -0.2396, 30.2688



40.8840, -0.4358, 46.5827



64.3810, -21.3868, -0.3341



33.3100, -0.1528, 2.3591



33.3630, -0.1790, 57.5636



76.3090, -1.1383, 132.1560

Previews

White Background



This preview shows how the YUV color 36.9070, 17.7938, -13.9504 looks on a white background.

Color Contrast Check

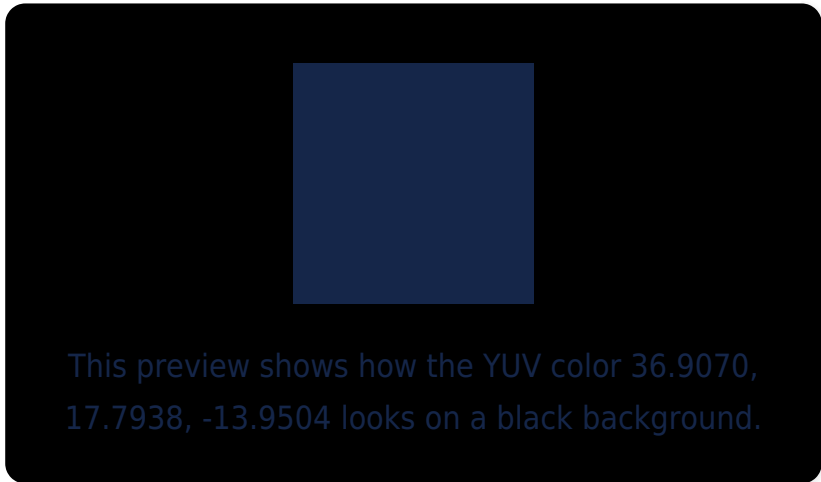
Large Text (above 18pt) WCAG AA ✓ Pass

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

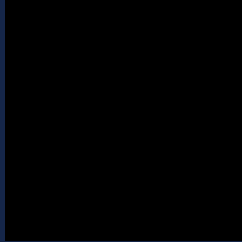
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9070, 17.7938, -13.9504

Background



This preview shows how black text looks on a background with the YUV color 36.9070, 17.7938, -13.9504.



This preview shows how white text looks on a background with the YUV color 36.9070, 17.7938,

-13.9504.

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

36.9070, 17.7938, -13.9504

Protanopia

36.9070, 17.7938, -13.9504

Deuteranopia

31.4600, 19.0002, -27.5904



Tritanopia

31.1860, 7.7963, -27.3501

Trichromacy



Original Color

36.9070, 17.7938, -13.9504

Protanomaly

36.9070, 17.7938, -13.9504

Deuteranomaly

33.3790, 18.5472, -22.2574

Tritanomaly

33.4300, 11.1270, -22.3021

Monochromacy



Original Color

36.9070, 17.7938, -13.9504

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6880, 6.5628, -4.9884

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9070, 17.7938, -13.9504 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(21, 38, 73)` looks like.

```
.text, #text, p{  
    color:rgb(21, 38, 73)  
}
```

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(21, 38, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 38, 73) }
```

Border

The CSS property to change the border of an element to YUV 36.9070, 17.7938, -13.9504 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(21, 38, 73) }
```


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

```
.border{ border-color:rgb(21, 38, 73) }
```

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

Here you see how a box with a 4 pixel rgb(21, 38, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 38, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 38, 73);  
box-shadow:4px 4px 4px 4px rgb(21, 38, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9070, 17.7938, -13.9504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 38, 73) }
```

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

```
.background{ background-color: rgb(21, 38,  
73) }
```

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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