

Converting Colors

YUV(36.7240, -1.3429, 10.7661)

Have a look what the booklet for
YUV(36.7240, -1.3429, 10.7661)
contains.

YUV(36.7240, -1.3429, 10.7661)	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(36.7240, -1.3429,
10.7661)**

Conversions

Conversions Part 1

Format	Color
Hex	311F22
RGB	49, 31, 34
RGB Percent	19%, 12%, 13%
CMY	0.8078, 0.8784, 0.8667
CMYK	0.00, 0.37, 0.31, 0.81
HSL	350°, 23%, 16%
HSV	350°, 37%, 19%
XYZ	2.0453, 1.7484, 1.7431
YIQ	36.7240, 9.7650, 4.7490

Conversions

Conversions Part 2

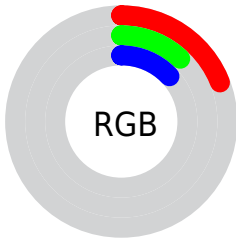
Format	Color
R_YB	49, 31, 34
Decimal	3219234
CIE Lab	14.11, 9.30, 1.50
CIE LCh	14, 9.421, 9.184
Yxy	1.7484, 0.3694, 0.3158
Android (android.graphics.Color)	4281409314 (0xFF311F22)
YUV	36.7240, -1.3429, 10.7661
Hunter-Lab	13.2228, 4.4709, 1.4403

Details

The YUV color **36.7240, -1.3429, 10.7661** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **43.2760, 1.3429, -10.7661**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.6210, -1.7852, 12.6104**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3330, -1.6432, 13.7400**, and if you desaturate by 10%, it is **40.1150, -1.0427, 7.7921**.

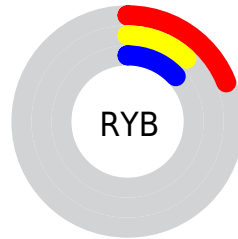
Distribution



Red (19%)

Green (12%)

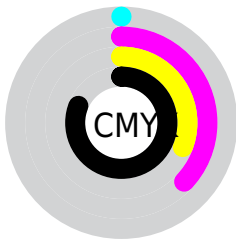
Blue (13%)



Red (19%)

Yellow (12%)

Blue (13%)

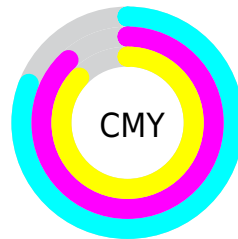


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (81%)



Cyan (81%)

Magenta (88%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.7240, -1.3429, 10.7661 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 36.7240, -1.3429, 10.7661 by changing the saturation by 10% instead.

■ 36.7240, -1.3429,
10.7661

■ 36.7240, -1.3429,
10.7661

■ 255.0000, 0.0000,
0.0000

■ 14.7350, -1.3484,
12.5104

■ 81.6210, -1.7852,
12.6104

■ 0.0000, 0.0000,
0.0000

■ 105.9200, -1.9326,
13.2252

■ 131.2190, -2.0800,
13.8399

■ 157.2190, -2.0800,
13.8399

■ 183.9310, -1.9380,
14.9695

■ 211.8170, -2.3748,

15.0695

239.2190, -2.0800,
13.8399

36.7240, -1.3429,
10.7661

36.7240, -1.3429,
10.7661

33.3330, -1.6432,
13.7400

40.1150, -1.0427,
7.7921

29.9420, -1.9434,
16.7139

43.5060, -0.7425,
4.8182

26.5510, -2.2436,
19.6878

46.8970, -0.4422,
1.8443

23.1600, -2.5439,
22.6617

50.2880, -0.1420,
-1.1296

19.7690, -2.8441,
25.6356

53.6790, 0.1583,
-4.1035

■ 16.9650, -3.4337,
28.0947

■ 56.5970, 1.1847,
-6.6626

■ 15.5630, -3.7286,
29.3242

■ 59.9880, 1.4849,
-9.6365

■ 63.3790, 1.7852,
-12.6104

■ 66.7700, 2.0854,
-15.5843

Harmonies

Analogous

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



37.2120, 1.8675, 7.7071



36.7240, -1.3429, 10.7661



36.3280, -4.1057, 10.2363

Triad

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



36.7240, -1.3429, 10.7661



34.4250, -4.6465, -3.0037



34.0570, 6.8739, -11.4510

Complementary

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



36.7240, -1.3429, 10.7661



43.2760, 1.3429, -10.7661

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.



32.6930, 5.5744, -14.6398



36.7240, -1.3429, 10.7661



33.6030, -1.2833, -8.4218

Square

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



36.7240, -1.3429, 10.7661



35.4150, -6.1206, 3.1440



33.1940, 2.3694, -13.3251



35.6880, 6.5628, -4.9884

Rectangle

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



36.7240, -1.3429, 10.7661



35.9750, -5.4107, 8.7919



33.1940, 2.3694, -13.3251



33.3450, 6.7319, -12.5806

Sweetspot

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



36.7240, -1.3429, 10.7661



59.2070, -0.5951, 4.2035



37.5370, 5.6513, 7.4221



30.3100, -0.1528, 2.3591



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



36.7240, -1.3429, 10.7661



44.8280, -2.3802, 16.8138



39.9040, -4.3897, 7.9772



23.8970, -0.4422, 1.8443



28.3210, -6.5673, 53.2155



68.9870, -16.2626, 129.8074

Inverse Universe

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



36.7240, -1.3429, 10.7661



44.8280, -2.3802, 16.8138



40.0960, 4.3897, -7.9772



23.8970, -0.4422, 1.8443



28.3210, -6.5673, 53.2155



68.9870, -16.2626, 129.8074

Previews

White Background



This preview shows how the YUV color 36.7240, -1.3429, 10.7661 looks on a white background.

Color Contrast Check

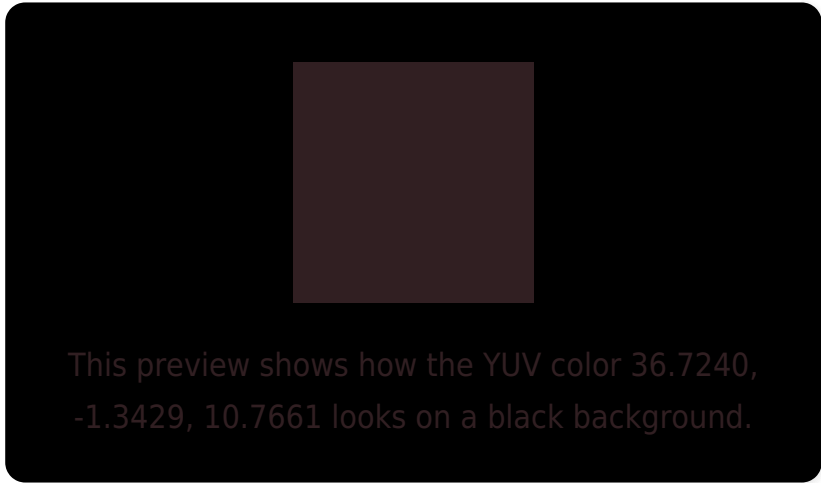
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.7240, -1.3429, 10.7661

Background



This preview shows how black text looks on a background with the YUV color 36.7240, -1.3429, 10.7661.

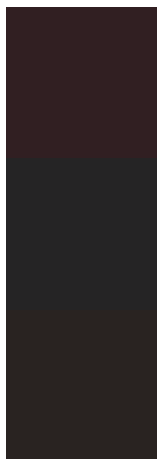


This preview shows how white text looks on a background with the YUV color 36.7240, -1.3429,

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

36.7240, -1.3429, 10.7661

Protanopia

36.4130, 0.2894, 0.5148

Deuteranopia

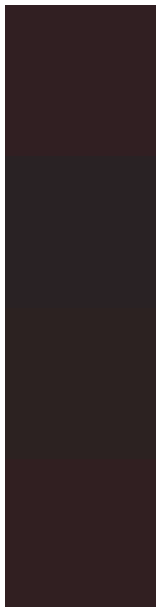
36.5660, -1.7580, 3.8886



Tritanopia

36.6100, -1.7797, 10.8660

Trichromacy



Original Color

36.7240, -1.3429, 10.7661

Protanomaly

36.3210, -0.1583, 4.1035

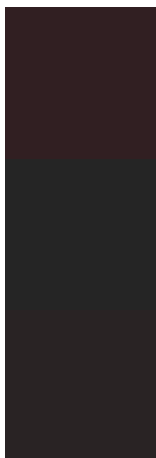
Deuteranomaly

36.8760, -1.9109, 6.2477

Tritanomaly

36.6100, -1.7797, 10.8660

Monochromacy



Original Color

36.7240, -1.3429, 10.7661

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.7240, -1.3429, 10.7661 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(49, 31, 34)` looks like.

```
.text, #text, p{  
    color:rgb(49, 31, 34)  
}
```

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(49, 31, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 31, 34) }
```

Border

The CSS property to change the border of an element to YUV 36.7240, -1.3429, 10.7661 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(49, 31, 34) }
```


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

```
.border{ border-color:rgb(49, 31, 34) }
```

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

Here you see how a box with a 4 pixel rgb(49, 31, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 31, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 31, 34);  
box-shadow:4px 4px 4px 4px rgb(49, 31, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.7240, -1.3429, 10.7661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 31, 34) }
```

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

```
.background{ background-color: rgb(49, 31,  
34) }
```

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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