

Converting Colors

YUV(36.6930, -7.7366, 8.1622)

Have a look what the booklet for
YUV(36.6930, -7.7366, 8.1622)
contains.

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Color

**YUV(36.6930, -7.7366,
8.1622)**

Conversions

Conversions Part 1

Format	Color
Hex	2E2315
RGB	46, 35, 21
RGB Percent	18%, 14%, 8%
CMY	0.8196, 0.8627, 0.9176
CMYK	0.00, 0.24, 0.54, 0.82
HSL	34°, 37%, 13%
HSV	34°, 54%, 18%
XYZ	1.8631, 1.8370, 0.9659
YIQ	36.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

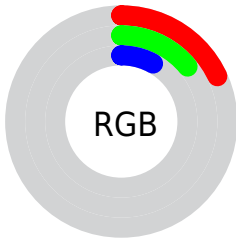
Format	Color
R_{YB}	41, 46, 21
Decimal	3023637
CIE _{Lab}	14.61, 2.88, 11.37
CIE _{LCh}	15, 11.731, 75.766
Yxy	1.8370, 0.3993, 0.3937
Android (android.graphics.Color)	4281213717 (0xFF2E2315)
YUV	36.6930, -7.7366, 8.1622
Hunter-Lab	13.5538, 0.8175, 5.2626

Details

The YUV color **36.6930, -7.7366, 8.1622** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.3070, 7.7366, -8.1622**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.4760, -8.6157, 10.1065**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.9490, -9.3419, 9.6917**, and if you desaturate by 10%, it is **38.4370, -6.1314, 6.6328**.

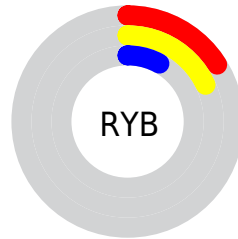
Distribution



Red (18%)

Green (14%)

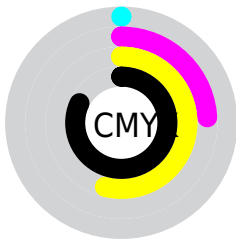
Blue (8%)



Red (16%)

Yellow (18%)

Blue (8%)

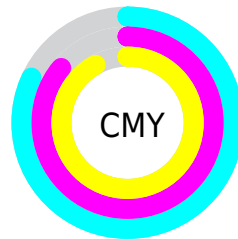


Cyan (0%)

Magenta (24%)

Yellow (54%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6930, -7.7366, 8.1622 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 36.6930, -7.7366, 8.1622 by changing the saturation by 10% instead.

■ 36.6930, -7.7366,
8.1622

■ 36.6930, -7.7366,
8.1622

■ 253.9740, -3.9312,
0.8998

■ 15.4050, -7.5947,
9.2918

■ 81.4760, -8.6157,
10.1065

■ 0.0000, 0.0000,
0.0000

■ 105.6610, -9.1999,
10.8213


■ 130.5470, -9.6367,
10.9213


■ 156.8460, -9.7841,
11.5361


■ 184.0310,
-10.3683, 12.2508


■ 211.9170,


-10.8051, 12.3508


 239.9170,
-10.8051, 12.3508


 36.6930, -7.7366,
8.1622


 36.6930, -7.7366,
8.1622


 34.9490, -9.3419,
9.6917


 38.4370, -6.1314,
6.6328


 33.3190, -10.5103,
11.1212


 40.0670, -4.9630,
5.2032


 31.5750, -12.1155,
12.6507

 41.8110, -3.3578,
3.6738

 29.9450, -13.2839,
14.0802

 43.4410, -2.1894,
2.2442

 29.0160, -14.3049,
14.8950

 45.1850, -0.5842,
0.7148

■ 46.9290, 1.0210,
-0.8147

■ 48.5590, 2.1894,
-2.2442

■ 50.3030, 3.7946,
-3.7737

■ 51.9330, 4.9630,
-5.2032

Harmonies

Analogous

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



36.8830, -5.8583, 12.3806



36.6930, -7.7366, 8.1622



36.0620, -7.4256, 1.6996

Triad

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



36.6930, -7.7366, 8.1622



31.7310, 4.5696, -19.0581



37.7000, 5.0779, 4.6481

Complementary

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



36.6930, -7.7366, 8.1622



30.3070, 7.7366, -8.1622

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.



36.7420, 8.0152, -4.1587



36.6930, -7.7366, 8.1622



32.5290, 7.6272, -19.7579

Square

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



36.6930, -7.7366, 8.1622



33.5100, -0.2514, -12.7253



34.9150, 8.9159, -13.0805



38.1200, 1.4198, 11.2958

Rectangle

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



36.6930, -7.7366, 8.1622



35.0830, -5.9569, -2.7038



34.9150, 8.9159, -13.0805



37.6180, 6.1043, 2.0890

Sweetspot

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



36.6930, -7.7366, 8.1622



55.5120, -3.2104, 3.0590



29.7290, 1.1196, 14.2697



28.5550, -1.7526, 2.1443



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



36.6930, -7.7366, 8.1622



44.6890, -11.6787, 12.5507



42.8510, -10.7725, 1.8847



22.1850, -0.5842, 0.7148



54.7760, -27.0046, 28.2604



134.4260, -66.2720, 69.7864

Inverse Universe

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



30.3070, 7.7366, -8.1622



34.7240, 11.9681, -12.0359



24.1490, 10.7725, -1.8847



21.8150, 0.5842, -0.7148



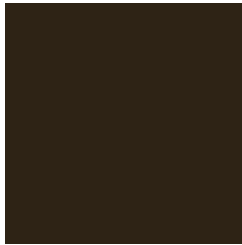
32.2240, 27.0046, -28.2604



79.5740, 66.2720, -69.7864

Previews

White Background



This preview shows how the YUV color 36.6930, -7.7366, 8.1622 looks on a white background.

Color Contrast Check

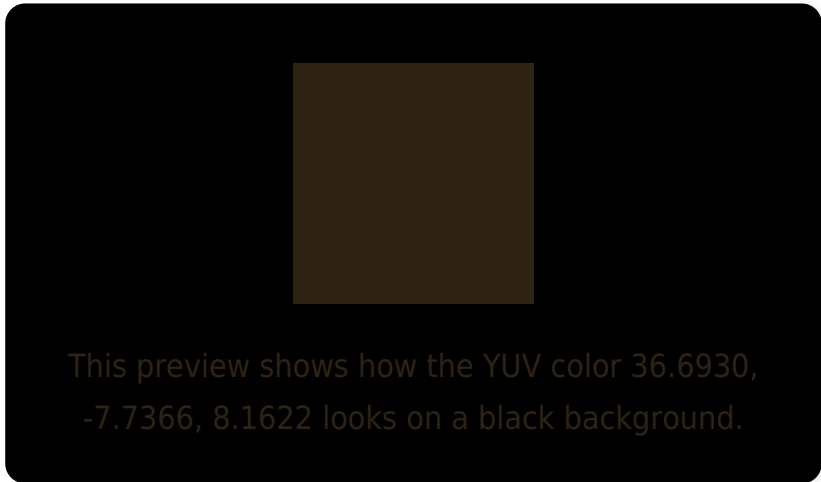
Large Text (above 18pt) WCAG AA ✓ Pass

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

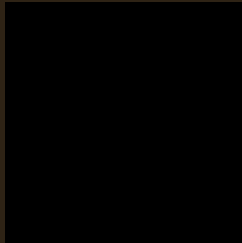
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.6930, -7.7366, 8.1622

Background



This preview shows how black text looks on a background with the YUV color 36.6930, -7.7366, 8.1622.



This preview shows how white text looks on a background with the YUV color 36.6930, -7.7366,

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

36.6930, -7.7366, 8.1622

Protanopia

36.4860, -7.1416, 3.9588

Deuteranopia

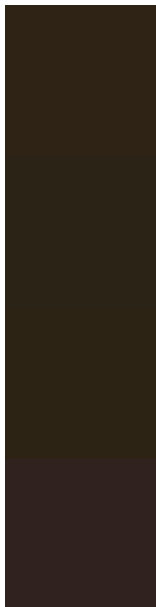
36.3940, -7.5892, 7.5475



Tritanopia

37.5280, -0.7533, 8.3069

Trichromacy



Original Color

36.6930, -7.7366, 8.1622

Protanomaly

36.4970, -7.1470, 5.7031

Deuteranomaly

36.3940, -7.5892, 7.5475

Tritanomaly

37.5450, -3.2267, 8.2920

Monochromacy



Original Color

36.6930, -7.7366, 8.1622

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.6260, -2.7736, 2.9590

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6930, -7.7366, 8.1622 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(46, 35, 21)` looks like.

```
.text, #text, p{  
    color:rgb(46, 35, 21)  
}
```

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(46, 35, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 35, 21) }
```

Border

The CSS property to change the border of an element to YUV 36.6930, -7.7366, 8.1622 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(46, 35, 21) }
```


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

```
.border{ border-color:rgb(46, 35, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 35, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 35, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 35, 21);  
box-shadow:4px 4px 4px 4px rgb(46, 35, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6930, -7.7366, 8.1622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 35, 21) }
```

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

```
.background{ background-color: rgb(46, 35,  
21) }
```

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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