

Converting Colors

YUV(36.9190, -17.2151,
14.9800)

Have a look what the booklet for
YUV(36.9190, -17.2151, 14.9800)
contains.

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Color

**YUV(36.9190, -17.2151,
14.9800)**

Conversions

Conversions Part 1

Format	Color
Hex	362302
RGB	54, 35, 2
RGB Percent	21%, 14%, 1%
CMY	0.7882, 0.8627, 0.9922
CMYK	0.00, 0.35, 0.96, 0.79
HSL	38°, 93%, 11%
HSV	38°, 96%, 21%
XYZ	2.1333, 1.9907, 0.3292
YIQ	36.9190, 21.9170, -6.2350

Conversions

Conversions Part 2

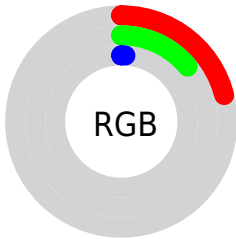
Format	Color
RYB	32, 54, 2
Decimal	3547906
CIELab	15.44, 5.53, 21.91
CIELCh	15, 22.596, 75.836
Yxy	1.9907, 0.4790, 0.4470
Android (android.graphics.Color)	4281737986 (0xFF362302)
YUV	36.9190, -17.2151, 14.9800
Hunter-Lab	14.1093, 2.2978, 8.4930

Details

The YUV color **36.9190, -17.2151, 14.9800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **19.0810, 17.2151, -14.9800**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.6420, -17.0785, 17.8540**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.1040, -17.7993, 15.6948**, and if you desaturate by 10%, it is **38.6630, -15.6099, 13.4505**.

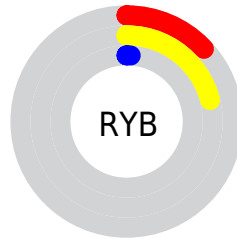
Distribution



Red (21%)

Green (14%)

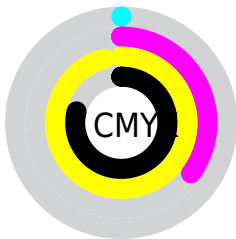
Blue (1%)



Red (13%)

Yellow (21%)

Blue (1%)

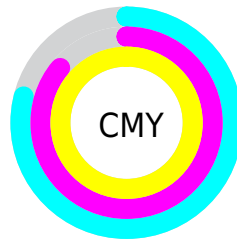


Cyan (0%)

Magenta (35%)

Yellow (96%)

Black (79%)



Cyan (79%)

Magenta (86%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9190, -17.2151, 14.9800 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 36.9190, -17.2151, 14.9800 by changing the saturation by 10% instead.

■ 36.9190, -17.2151,
14.9800

■ 36.9190, -17.2151,
14.9800

■ 251.9220,
-11.7935, 2.6994

■ 17.4870, -8.6211,
11.8509

■ 82.6420, -17.0785,
17.8540

■ 0.0000, 0.0000,
0.0000

■ 107.1260,
-17.8101, 19.1835


■ 132.3110,
-18.3943, 19.8983


■ 158.7950,
-19.1259, 21.2278


■ 185.9800,
-19.7101, 21.9425


■ 214.1650,


-20.2943, 22.6573


 238.1640,
-18.8149, 14.7652


 36.9190, -17.2151,
14.9800


 36.9190, -17.2151,
14.9800


 36.1040, -17.7993,
15.6948

 38.6630, -15.6099,
13.4505

 40.5210, -13.5679,
11.8211

 42.2650, -11.9626,
10.2916

 44.1230, -9.9206,
8.6621

 45.8670, -8.3154,
7.1326

■ 47.6110, -6.7102,
5.6032

■ 49.4690, -4.6682,
3.9737

■ 51.2130, -3.0630,
2.4442

■ 53.0710, -1.0210,
0.8147

Harmonies

Analogous

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



37.9830, -10.8376, 22.8169



36.9190, -17.2151, 14.9800



35.6680, -16.5983, 3.7992

Triad

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



36.9190, -17.2151, 14.9800



32.3600, 7.2175, -28.3797



40.1010, 10.3032, 8.6814

Complementary

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



36.9190, -17.2151, 14.9800



19.0810, 17.2151, -14.9800

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.



37.0600, 15.7464, -10.5766



36.9190, -17.2151, 14.9800



33.3690, 13.6221, -29.2646

Square

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



36.9190, -17.2151, 14.9800



30.4220, -0.2080, -26.6801



33.1070, 17.6952, -29.0348



39.1690, 3.8607, 21.7768

Rectangle

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



36.9190, -17.2151, 14.9800



34.6390, -12.6400, -5.8224



33.1070, 17.6952, -29.0348



39.6380, 12.5035, 2.9485

Sweetspot

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



36.9190, -17.2151, 14.9800



64.6110, -6.7102, 5.6032



19.7140, 0.6340, 30.0688



31.5830, -4.2314, 3.8737



163.0000, 0.0000, 0.0000



36.0000, 0.0000, 0.0000

Same Dimension

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



36.9190, -17.2151, 14.9800



47.6440, -23.4885, 20.4832



45.9790, -21.6816, 0.8954



27.0710, -1.0210, 0.8147



61.5540, -30.3461, 26.7011



147.0740, -72.5075, 63.0791

Inverse Universe

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



19.0810, 17.2151, -14.9800



23.3560, 23.4885, -20.4832



10.0210, 21.6816, -0.8954



25.9290, 1.0210, -0.8147



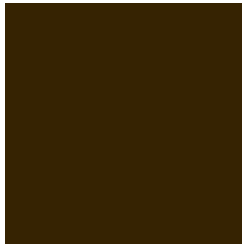
30.4460, 30.3461, -26.7011



71.9260, 72.5075, -63.0791

Previews

White Background



This preview shows how the YUV color 36.9190, -17.2151, 14.9800 looks on a white background.

Color Contrast Check

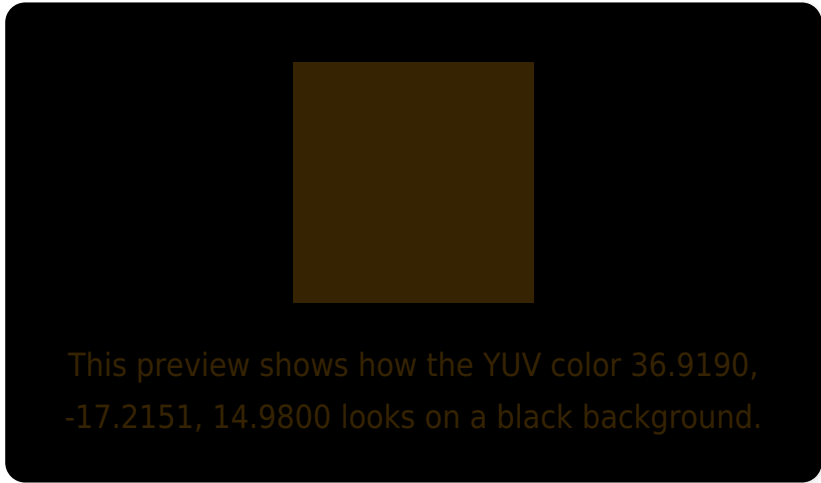
Large Text (above 18pt) WCAG AA ✓ Pass

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

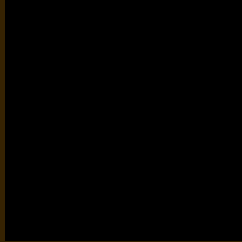
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9190, -17.2151, 14.9800

Background



This preview shows how black text looks on a background with the YUV color 36.9190, -17.2151, 14.9800.

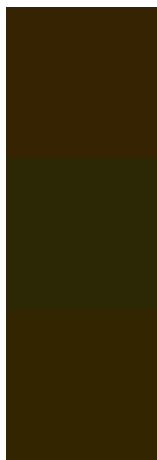


This preview shows how white text looks on a background with the YUV color 36.9190, -17.2151,

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

36.9190, -17.2151, 14.9800

Protanopia

36.5050, -16.0250, 6.5731

Deuteranopia

36.6690, -18.0778, 11.6913



Tritanopia

39.8060, -2.3694, 13.3251

Trichromacy



Original Color

36.9190, -17.2151, 14.9800

Protanomaly

37.0000, -16.7620, 9.6470

Deuteranomaly

36.4950, -17.4990, 12.7209

Tritanomaly

39.0250, -7.9003, 14.0101

Monochromacy



Original Color

36.9190, -17.2151, 14.9800

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.7250, -6.2734, 5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9190, -17.2151, 14.9800 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(54, 35, 2)` looks like.

```
.text, #text, p{  
    color:rgb(54, 35, 2)  
}
```

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(54, 35, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 35, 2) }
```

Border

The CSS property to change the border of an element to YUV 36.9190, -17.2151, 14.9800 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(54, 35, 2) }
```


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

```
.border{ border-color:rgb(54, 35, 2) }
```

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

Here you see how a box with a 4 pixel rgb(54, 35, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 35, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(54, 35, 2); box-shadow:4px  
4px 4px 4px rgb(54, 35, 2) }
```

Background

The CSS property to change the background color of an element to YUV 36.9190, -17.2151, 14.9800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 35, 2) }
```

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

```
.background{ background-color: rgb(54, 35,  
2) }
```

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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