

Converting Colors

YUV(36.9000, -8.3317, 12.3657)

Have a look what the booklet for
YUV(36.9000, -8.3317, 12.3657)
contains.

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Color

**YUV(36.9000, -8.3317,
12.3657)**

Conversions

Conversions Part 1

Format	Color
Hex	332114
RGB	51, 33, 20
RGB Percent	20%, 13%, 8%
CMY	0.8000, 0.8706, 0.9216
CMYK	0.00, 0.35, 0.61, 0.80
HSL	25°, 44%, 14%
HSV	25°, 61%, 20%
XYZ	2.0354, 1.8420, 0.9101
YIQ	36.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

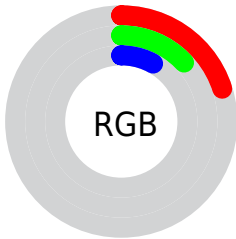
Format	Color
R_{YB}	51, 42, 20
Decimal	3350804
CIE _{Lab}	14.64, 6.80, 12.22
CIE _{LCh}	15, 13.980, 60.903
Yxy	1.8420, 0.4251, 0.3848
Android (android.graphics.Color)	4281540884 (0xFF332114)
YUV	36.9000, -8.3317, 12.3657
Hunter-Lab	13.5721, 3.0178, 5.5247

Details

The YUV color **36.9000, -8.3317, 12.3657** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34.1000, 8.3317, -12.3657**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.8680, -9.7949, 15.0248**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.5690, -9.6475, 14.4100**, and if you desaturate by 10%, it is **39.2310, -7.0159, 10.3214**.

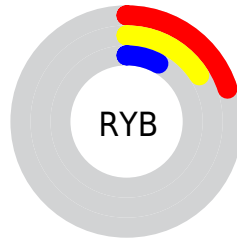
Distribution



Red (20%)

Green (13%)

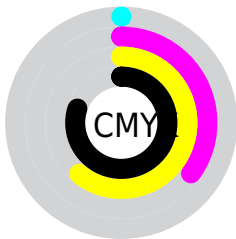
Blue (8%)



Red (20%)

Yellow (16%)

Blue (8%)

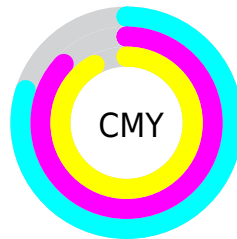


Cyan (0%)

Magenta (35%)

Yellow (61%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.9000, -8.3317, 12.3657 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 36.9000, -8.3317, 12.3657 by changing the saturation by 10% instead.

■ 36.9000, -8.3317,
12.3657

■ 36.9000, -8.3317,
12.3657

■ 253.8600, -4.3680,
0.9998

■ 15.4270, -7.6055,
12.7805

■ 81.8680, -9.7949,
15.0248

■ 0.0000, 0.0000,
0.0000

■ 106.1670, -9.9423,
15.6395


■ 131.3520,
-10.5265, 16.3543


■ 157.5370,
-11.1107, 17.0691


■ 184.8360,
-11.2581, 17.6838


■ 212.1350,


-11.4056, 18.2986


 238.2270,
-10.9579, 14.7099


 36.9000, -8.3317,
12.3657


 36.9000, -8.3317,
12.3657


 34.5690, -9.6475,
14.4100


 39.2310, -7.0159,
10.3214


 32.2380, -10.9633,
16.4543


 41.5620, -5.7001,
8.2771

 29.9070, -12.2792,
18.4986

 43.8930, -4.3842,
6.2328

 27.5760, -13.5950,
20.5428

 46.2240, -3.0684,
4.1886

 48.6690, -1.3158,
2.0443

■ 51.0000, 0.0000,
0.0000

■ 53.3310, 1.3158,
-2.0443

■ 55.6620, 2.6316,
-4.0886

■ 57.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



37.4320, -5.1430, 16.2841



36.9000, -8.3317, 12.3657



35.9270, -9.3310, 6.2030

Triad

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



36.9000, -8.3317, 12.3657



30.9650, 2.9753, -21.0173



37.4760, 8.1463, 0.4595

Complementary

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



36.9000, -8.3317, 12.3657



34.1000, 8.3317, -12.3657

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.



35.5670, 10.0735, -11.0213



36.9000, -8.3317, 12.3657



30.0120, 8.3751, -26.3205

Square

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



36.9000, -8.3317, 12.3657



33.4240, -3.1670, -10.8958



31.1310, 11.2744, -22.9169



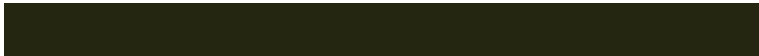
38.2060, 4.3354, 9.4663

Rectangle

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



36.9000, -8.3317, 12.3657



35.1220, -8.4411, 0.7700



31.1310, 11.2744, -22.9169



36.9810, 8.8834, -2.6143

Sweetspot

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



36.9000, -8.3317, 12.3657



60.5230, -3.2158, 4.8033



31.3210, 3.2927, 17.2585



29.8540, -1.9000, 2.7590



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.



36.9000, -8.3317, 12.3657



44.0920, -12.8634, 19.2133



45.7050, -12.6726, 4.6437



24.4840, -0.7316, 1.3295



48.3300, -23.8267, 35.6676



118.3000, -58.3219, 86.5599

Inverse Universe

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



34.1000, 8.3317, -12.3657



39.9080, 12.8634, -19.2133



25.2950, 12.6726, -4.6437



23.9290, 1.0210, -0.8147



40.6700, 23.8267, -35.6676



98.7000, 58.3219, -86.5599

Previews

White Background



This preview shows how the YUV color 36.9000, -8.3317, 12.3657 looks on a white background.

Color Contrast Check

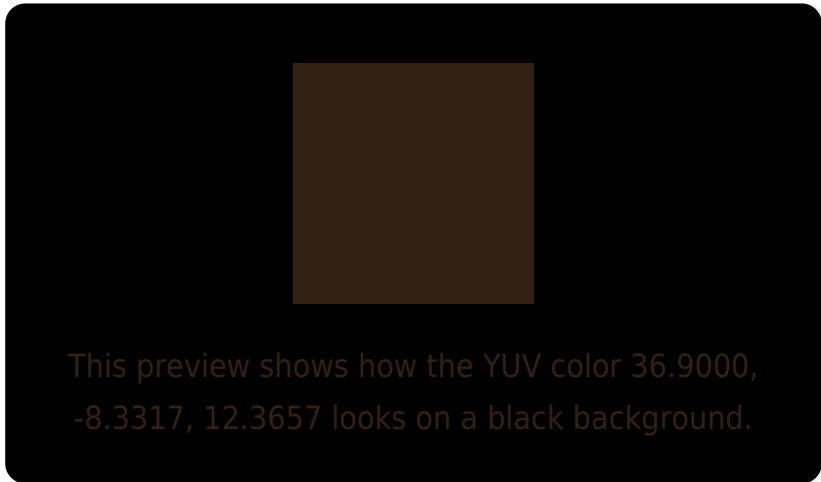
Large Text (above 18pt) WCAG AA ✓ Pass

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

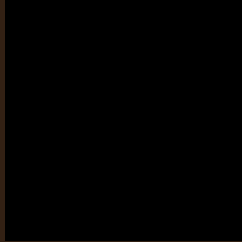
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9000, -8.3317, 12.3657

Background



This preview shows how black text looks on a background with the YUV color 36.9000, -8.3317, 12.3657.

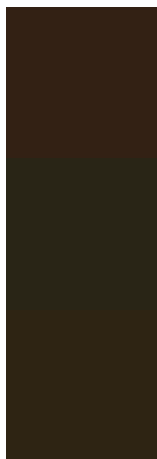


This preview shows how white text looks on a background with the YUV color 36.9000, -8.3317,

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

36.9000, -8.3317, 12.3657

Protanopia

36.4860, -7.1416, 3.9588

Deuteranopia

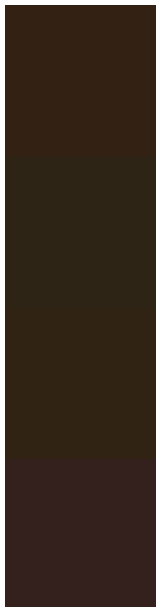
37.0520, -8.8996, 7.8474



Tritanopia

37.6210, -1.7852, 12.6104

Trichromacy



Original Color

36.9000, -8.3317, 12.3657

Protanomaly

36.9810, -7.8786, 7.0327

Deuteranomaly

37.0630, -8.9051, 9.5917

Tritanomaly

37.6380, -4.2585, 12.5955

Monochromacy



Original Color

36.9000, -8.3317, 12.3657

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2240, -3.0684, 4.1886

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9000, -8.3317, 12.3657 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(51, 33, 20)` looks like.

```
.text, #text, p{  
    color:rgb(51, 33, 20)  
}
```

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(51, 33, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 33, 20) }
```

Border

The CSS property to change the border of an element to YUV 36.9000, -8.3317, 12.3657 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(51, 33, 20) }
```


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

```
.border{ border-color:rgb(51, 33, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 33, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 33, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 33, 20);  
box-shadow:4px 4px 4px 4px rgb(51, 33, 20)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.9000, -8.3317, 12.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 33, 20) }
```

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

```
.background{ background-color: rgb(51, 33,  
20) }
```

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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