

Converting Colors

YUV(30.3390, 9.1999, -10.8213)

Have a look what the booklet for
YUV(30.3390, 9.1999, -10.8213)
contains.

YUV(30.3390, 9.1999, -10.8213)	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(30.3390, 9.1999,
-10.8213)**

Conversions

Conversions Part 1

Format	Color
Hex	122131
RGB	18, 33, 49
RGB Percent	7%, 13%, 19%
CMY	0.9294, 0.8706, 0.8078
CMYK	0.63, 0.33, 0.00, 0.81
HSL	211°, 46%, 13%
HSV	211°, 63%, 19%
XYZ	1.3477, 1.4381, 3.1123
YIQ	30.3390, -14.0760, 1.7960

Conversions

Conversions Part 2

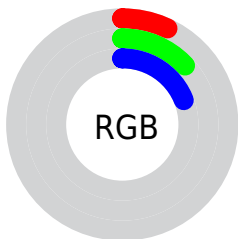
Format	Color
RYB	18, 28, 49
Decimal	1188145
CIELab	12.21, -0.57, -12.52
CIELCh	12, 12.528, 267.390
Yxy	1.4381, 0.2285, 0.2438
Android (android.graphics.Color)	4279378225 (0xFF122131)
YUV	30.3390, 9.1999, -10.8213
Hunter-Lab	11.9919, -0.9255, -6.9932

Details

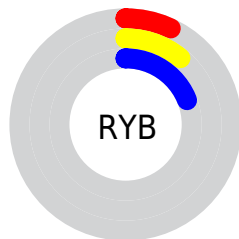
The YUV color **30.3390, 9.1999, -10.8213** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.6610, -9.1999, 10.8213**, and the grayscale version is **30.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **74.8660, 9.9261, -10.4065**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.0830, 10.8051, -12.3508**, and if you desaturate by 10%, it is **33.5950, 7.5947, -9.2918**.

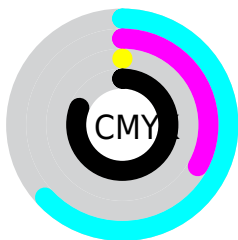
Distribution



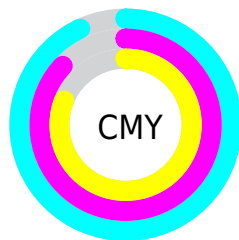
- Red (7%)
- Green (13%)
- Blue (19%)



- Red (7%)
- Yellow (11%)
- Blue (19%)



- Cyan (63%)
- Magenta (33%)
- Yellow (0%)
- Black (81%)



- Cyan (93%)
- Magenta (87%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 30.3390, 9.1999, -10.8213 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 30.3390, 9.1999, -10.8213 by changing the saturation by 10% instead.

■ 30.3390, 9.1999,
-10.8213

■ 30.3390, 9.1999,
-10.8213

■ 252.9070, 1.0318,
-4.3034

■ 9.0620, 9.3364,
-7.9474

■ 74.8660, 9.9261,
-10.4065

■ 0.0000, 0.0000,
0.0000

■ 98.9800, 10.3629,
-10.5065

■ 124.0940, 10.7997,
-10.6064

■ 149.7950, 10.9471,
-11.2212

■ 176.3220, 11.6733,
-10.8064

■ 204.0230, 11.8207,

-11.4212

■ 231.9090, 11.3839,
-11.3212

■ 30.3390, 9.1999,
-10.8213

■ 30.3390, 9.1999,
-10.8213

■ 27.0830, 10.8051,
-12.3508

■ 33.5950, 7.5947,
-9.2918

■ 24.4140, 12.1209,
-14.3951

■ 36.2640, 6.2788,
-7.2475

■ 21.1580, 13.7261,
-15.9246

■ 39.5200, 4.6736,
-5.7180

■ 19.6740, 14.4577,
-17.2541

■ 42.1890, 3.3578,
-3.6738

■ 45.4450, 1.7526,
-2.1443

■ 47.8150, 0.5842,
-0.7148

■ 51.0710, -1.0210,
0.8147

■ 53.7400, -2.3368,
2.8590

■ 56.9960, -3.9420,
4.3885

Harmonies

Analogous

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



26.9850, 9.3744, -20.1578



30.3390, 9.1999, -10.8213



32.5360, 7.1308, -0.4701

Triad

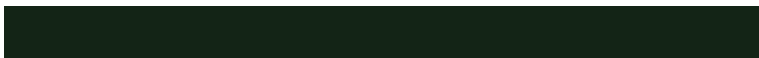
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.3390, 9.1999, -10.8213



32.6490, -4.2640, 14.3398



29.3210, -3.6093, -9.0515

Complementary

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



30.3390, 9.1999, -10.8213



36.6610, -9.1999, 10.8213

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.



30.7520, -7.2727, -0.6595



30.3390, 9.1999, -10.8213



31.8290, -7.3107, 11.5510

Square

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



30.3390, 9.1999, -10.8213



32.7890, 0.1040, 13.3400



31.3400, -9.0416, 6.7178



27.0580, 1.9434, -16.7139

Rectangle

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



30.3390, 9.1999, -10.8213



33.1130, 5.3673, 5.1629



31.3400, -9.0416, 6.7178



29.7020, -4.7831, -5.8777

Sweetspot

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



30.3390, 9.1999, -10.8213



56.3030, 3.7946, -3.7737



38.0210, -1.9824, -17.5584



28.5590, 2.1894, -2.2442



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.



30.3390, 9.1999, -10.8213



34.6740, 14.4577, -17.2541



21.5340, 13.5407, -3.0993



23.9290, 1.0210, -0.8147



35.3870, 26.4312, -31.0344



86.3730, 64.3991, -75.7491

Inverse Universe

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



28.9790, 1.9824, 17.5584



32.3870, 3.2602, 27.7246



45.4660, -13.5407, 3.0993



24.0110, -0.0054, 1.7444



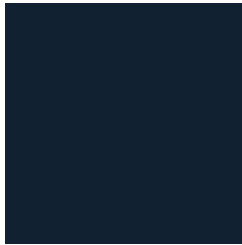
31.5130, 5.6631, 50.4161



76.8530, 13.8765, 122.9089

Previews

White Background



This preview shows how the YUV color 30.3390, 9.1999, -10.8213 looks on a white background.

Color Contrast Check

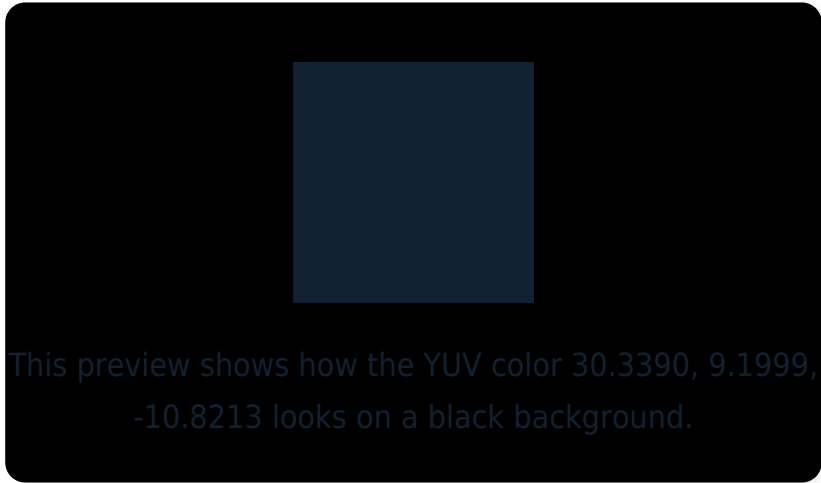
Large Text (above 18pt) WCAG AA ✓ Pass

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

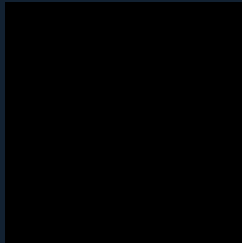
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

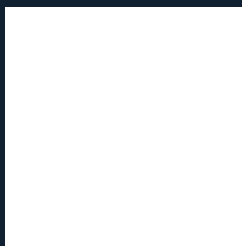
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 30.3390, 9.1999, -10.8213

Background



This preview shows how black text looks on a background with the YUV color 30.3390, 9.1999, -10.8213.



This preview shows how white text looks on a background with the YUV color 30.3390, 9.1999, -10.8213.

-10.8213.

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

30.3390, 9.1999, -10.8213

Protanopia

31.7420, 8.0152, -4.1587

Deuteranopia

31.2470, 8.7522, -7.2326



Tritanopia

28.4650, 4.7008, -14.4398

Trichromacy



Original Color

30.3390, 9.1999, -10.8213

Protanomaly

31.4320, 8.1680, -6.5179

Deuteranomaly

30.6490, 9.0470, -8.4622

Tritanomaly

28.9320, 6.4425, -13.0954

Monochromacy



Original Color

30.3390, 9.1999, -10.8213

Achromatopsia

30.0000, 0.0000, 0.0000

Achromatomaly

30.1890, 3.3578, -3.6738

CSS Examples

Text

The CSS property to change the color of the text to YUV 30.3390, 9.1999, -10.8213 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(18, 33, 49)` looks like.

```
.text, #text, p{  
    color:rgb(18, 33, 49)  
}
```

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(18, 33, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 33, 49) }
```

Border

The CSS property to change the border of an element to YUV 30.3390, 9.1999, -10.8213 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(18, 33, 49) }
```


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

```
.border{ border-color:rgb(18, 33, 49) }
```

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

Here you see how a box with a 4 pixel rgb(18, 33, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 33, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 33, 49);  
box-shadow:4px 4px 4px 4px rgb(18, 33, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 30.3390, 9.1999, -10.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 33, 49) }
```

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

```
.background{ background-color: rgb(18, 33,  
49) }
```

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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