

Converting Colors

YUV(38.2420, -10.4723, -1.0892)

Have a look what the booklet for
YUV(38.2420, -10.4723, -1.0892)
contains.

YUV(38.2420, -10.4723, -1.0892)	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(38.2420, -10.4723,
-1.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	252B11
RGB	37, 43, 17
RGB Percent	15%, 17%, 7%
CMY	0.8549, 0.8314, 0.9333
CMYK	0.14, 0.00, 0.60, 0.83
HSL	74°, 43%, 12%
HSV	74°, 60%, 17%
XYZ	1.7280, 2.1615, 0.8565
YIQ	38.2420, 4.7700, -9.3580

Conversions

Conversions Part 2

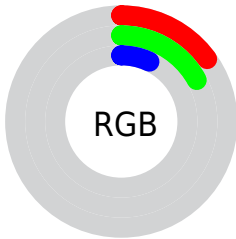
Format	Color
R_{YB}	17, 43, 23
Decimal	2435857
CIE Lab	16.31, -7.81, 15.88
CIE LCh	16, 17.692, 116.186
Yxy	2.1615, 0.3641, 0.4554
Android (android.graphics.Color)	4280625937 (0xFF252B11)
YUV	38.2420, -10.4723, -1.0892
Hunter-Lab	14.7022, -4.7490, 6.8377

Details

The YUV color **38.2420, -10.4723, -1.0892** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.7580, 10.4723, 1.0892**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.0140, -11.3459, -0.8893**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.4870, -12.0721, -1.3041**, and if you desaturate by 10%, it is **38.9970, -8.8725, -0.8744**.

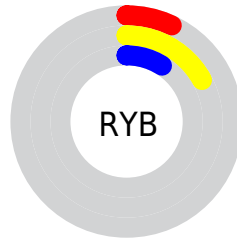
Distribution



Red (15%)

Green (17%)

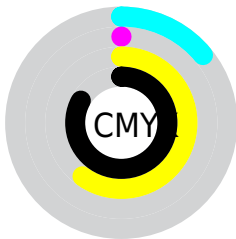
Blue (7%)



Red (7%)

Yellow (17%)

Blue (9%)

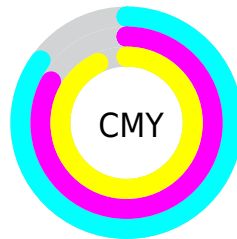


Cyan (14%)

Magenta (0%)

Yellow (60%)

Black (83%)



Cyan (85%)

Magenta (83%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2420, -10.4723, -1.0892 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 38.2420, -10.4723, -1.0892 by changing the saturation by 10% instead.

■ 38.2420, -10.4723,
-1.0892

■ 38.2420, -10.4723,
-1.0892

■ 253.5180, -5.6784,
1.2997

■ 17.9860, -8.8671,
-2.6187

■ 83.0140, -11.3459,
-0.8893

■ 0.0000, 0.0000,
0.0000

■ 107.7860,
-12.2195, -0.6893

■ 132.6720,
-12.6563, -0.5893

■ 158.9710,
-12.8037, 0.0254

■ 186.4440,
-13.5299, -0.3894

■ 213.4440,

-13.5299, -0.3894

■ 242.2160,
-14.4035, -0.1894

■ 38.2420, -10.4723,
-1.0892

■ 38.2420, -10.4723,
-1.0892

■ 37.4870, -12.0721,
-1.3041

■ 38.9970, -8.8725,
-0.8744

■ 36.6180, -14.1087,
-1.4190

■ 39.8660, -6.8359,
-0.7595

■ 35.8630, -15.7085,
-1.6339

■ 40.6210, -5.2362,
-0.5446

■ 35.1080, -17.3082,
-1.8487

■ 41.3760, -3.6364,
-0.3298

■ 42.2450, -1.5998,
-0.2149

■ 43.0000, 0.0000,
0.0000

■ 43.7550, 1.5998,
0.2149

■ 44.5100, 3.1996,
0.4297

■ 45.3790, 5.2362,
0.5446

Harmonies

Analogous

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



39.4390, -12.5414, 9.2620



38.2420, -10.4723, -1.0892



36.5440, -5.1982, -12.7551

Triad

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



38.2420, -10.4723, -1.0892



33.3690, 13.6221, -29.2646



41.3490, 0.8139, 18.9879

Complementary

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



38.2420, -10.4723, -1.0892



21.7580, 10.4723, 1.0892

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.



42.0860, 6.3666, 11.3256



38.2420, -10.4723, -1.0892



36.5490, 14.0263, -18.8985

Square

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



38.2420, -10.4723, -1.0892



33.4030, 8.6753, -29.2944



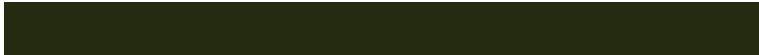
41.1490, 10.7725, -1.8847



40.7530, -5.3012, 20.3876

Rectangle

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



38.2420, -10.4723, -1.0892



33.8570, 0.0705, -22.6766



41.1490, 10.7725, -1.8847



41.7940, 2.5666, 16.8437

Sweetspot

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



38.2420, -10.4723, -1.0892



54.2620, -4.0732, -0.2298



28.2960, -5.5689, 12.8954



27.0170, -2.4734, -0.0149



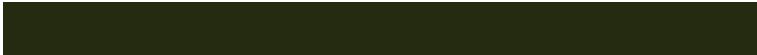
156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



38.2420, -10.4723, -1.0892



48.6350, -16.5821, -1.4339



34.3550, -8.5560, -9.0813



19.7720, -0.8736, 0.2000



68.7430, -33.8903, -3.2826



173.1810, -85.3782, -8.9287

Inverse Universe

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



21.7580, 10.4723, 1.0892



22.6640, 16.4346, 2.0487



25.6450, 8.5560, 9.0813



18.5270, 0.7262, 0.4148



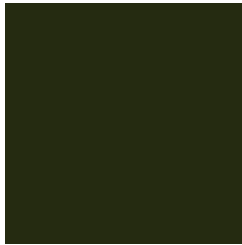
15.2570, 33.8903, 3.2826



38.8190, 85.3782, 8.9287

Previews

White Background



This preview shows how the YUV color 38.2420, -10.4723, -1.0892 looks on a white background.

Color Contrast Check

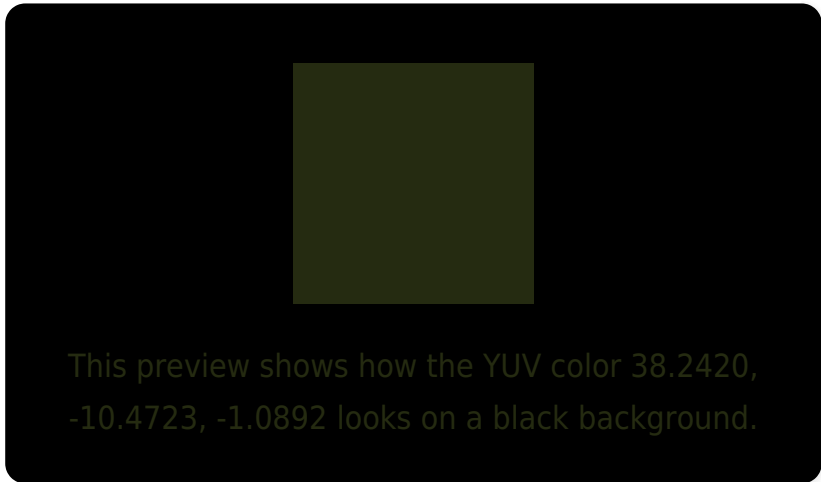
Large Text (above 18pt) WCAG AA ✓ Pass

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

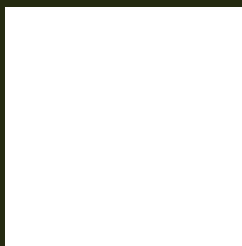
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 38.2420, -10.4723, -1.0892

Background



This preview shows how black text looks on a background with the YUV color 38.2420, -10.4723, -1.0892.



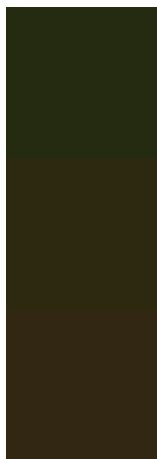
This preview shows how white text looks on a background with the YUV color 38.2420, -10.4723, -1.0892.

-1.0892.

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

38.2420, -10.4723, -1.0892

Protanopia

39.3460, -11.5096, 4.9586

Deuteranopia

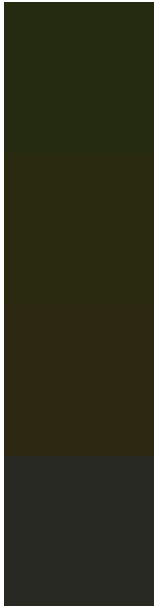
39.8950, -10.7942, 8.8621



Tritanopia

40.4560, 1.7472, -0.3999

Trichromacy



Original Color

38.2420, -10.4723, -1.0892

Protanomaly

39.0360, -11.3567, 2.5994

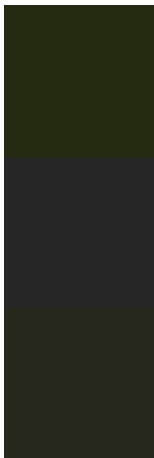
Deuteranomaly

38.9870, -10.3466, 5.2734

Tritanomaly

39.6040, -2.7628, -0.5297

Monochromacy



Original Color

38.2420, -10.4723, -1.0892

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2620, -4.0732, -0.2298

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2420, -10.4723, -1.0892 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(37, 43, 17)` looks like.

```
.text, #text, p{  
    color:rgb(37, 43, 17)  
}
```

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(37, 43, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 43, 17) }
```

Border

The CSS property to change the border of an element to YUV 38.2420, -10.4723, -1.0892 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(37, 43, 17) }
```


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

```
.border{ border-color:rgb(37, 43, 17) }
```

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

Here you see how a box with a 4 pixel rgb(37, 43, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 43, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 43, 17);  
box-shadow:4px 4px 4px 4px rgb(37, 43, 17)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2420, -10.4723, -1.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 43, 17) }
```

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

```
.background{ background-color: rgb(37, 43,  
17) }
```

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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