

Converting Colors

YUV(38.7720, -4.3246, -12.9550)

Have a look what the booklet for
YUV(38.7720, -4.3246, -12.9550)
contains.

YUV(38.7720, -4.3246, -12.9550)	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(38.7720, -4.3246,
-12.9550)**

Conversions

Conversions Part 1

Format	Color
Hex	18301E
RGB	24, 48, 30
RGB Percent	9%, 19%, 12%
CMY	0.9059, 0.8118, 0.8824
CMYK	0.50, 0.00, 0.37, 0.81
HSL	135°, 33%, 14%
HSV	135°, 50%, 19%
XYZ	1.6680, 2.4018, 1.6040
YIQ	38.7720, -8.5260, -10.6860

Conversions

Conversions Part 2

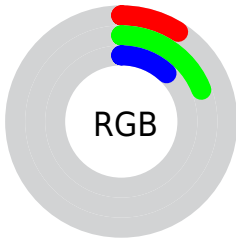
Format	Color
R_{YB}	24, 43, 48
Decimal	1585182
CIE Lab	17.47, -14.33, 8.68
CIE LCh	17, 16.751, 148.802
Yxy	2.4018, 0.2940, 0.4233
Android (android.graphics.Color)	4279775262 (0xFF18301E)
YUV	38.7720, -4.3246, -12.9550
Hunter-Lab	15.4978, -7.9098, 4.7121

Details

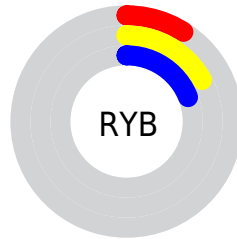
The YUV color **38.7720, -4.3246, -12.9550** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33.2280, 4.3246, 12.9550**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **84.2450, -5.0508, -13.3699**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **36.8210, -5.3348, -15.6290**, and if you desaturate by 10%, it is **40.7230, -3.3144, -10.2811**.

Distribution



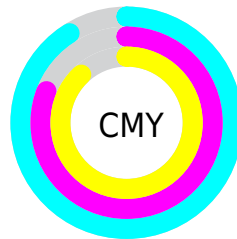
- Red (9%)
- Green (19%)
- Blue (12%)



- Red (9%)
- Yellow (17%)
- Blue (19%)



- Cyan (50%)
- Magenta (0%)
- Yellow (37%)
- Black (81%)



- Cyan (91%)
- Magenta (81%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.7720, -4.3246, -12.9550 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 38.7720, -4.3246, -12.9550 by changing the saturation by 10% instead.

■ 38.7720, -4.3246,
-12.9550

■ 38.7720, -4.3246,
-12.9550

■ 254.7010, 0.1474,
-0.6148

■ 17.0060, -5.9190,
-14.9143

■ 84.2450, -5.0508,
-13.3699

■ 0.0000, 0.0000,
0.0000

■ 108.5330, -5.1928,
-14.4994

■ 134.0060, -5.9190,
-14.9143

■ 160.0060, -5.9190,
-14.9143

■ 187.5930, -6.2083,
-15.4291

■ 215.1800, -6.4977,

-15.9439

■ 243.1800, -6.4977,
-15.9439

■ 38.7720, -4.3246,
-12.9550

■ 38.7720, -4.3246,
-12.9550

■ 36.8210, -5.3348,
-15.6290

■ 40.7230, -3.3144,
-10.2811

■ 34.9840, -5.9081,
-18.4030

■ 42.5600, -2.7411,
-7.5071

■ 33.3320, -7.0657,
-20.4622

■ 44.2120, -1.5835,
-5.4479

■ 31.4950, -7.6390,
-23.2361

■ 46.0490, -1.0102,
-2.6740

■ 29.5440, -8.6492,
-25.9101

■ 48.0000, 0.0000,
0.0000

■ 49.9510, 1.0102,
2.6740

■ 51.7880, 1.5835,
5.4479

■ 53.4400, 2.7411,
7.5071

■ 55.2770, 3.3144,
10.2811

Harmonies

Analogous

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



41.0570, -9.8881, -1.8040



38.7720, -4.3246, -12.9550



34.7470, 3.5757, -26.9651

Triad

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



38.7720, -4.3246, -12.9550



40.3430, 13.1419, -15.2098



43.3400, -5.5906, 19.8728

Complementary

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



38.7720, -4.3246, -12.9550



33.2280, 4.3246, 12.9550

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.



43.8220, 0.0878, 18.5731



38.7720, -4.3246, -12.9550



43.6330, 10.0409, -0.5551

Square

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



38.7720, -4.3246, -12.9550



34.7710, 13.9169, -30.4942



44.4450, 5.2036, 11.0107



42.8680, -9.7949, 15.0248

Rectangle

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



38.7720, -4.3246, -12.9550



34.4630, 7.6597, -30.2241



44.4450, 5.2036, 11.0107



43.7960, -3.8434, 19.4729

Sweetspot

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



38.7720, -4.3246, -12.9550



57.5110, -1.7309, -4.8331



43.4700, -9.5987, -1.2892



28.6360, -1.2995, -3.1888



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.



38.7720, -4.3246, -12.9550



46.8590, -6.3395, -20.0473



40.1400, 0.9170, -14.1548



22.1740, -0.5788, -1.0296



53.5770, -15.5675, -46.9870



131.7740, -38.3426, -115.5658

Inverse Universe

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



33.2280, 4.3246, 12.9550



38.2550, 6.7763, 19.9474



31.8600, -0.9170, 14.1548



21.7120, 0.1420, 1.1296



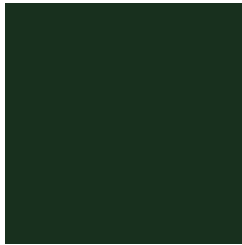
33.4230, 15.5675, 46.9870



82.3400, 38.7794, 115.4658

Previews

White Background



This preview shows how the YUV color 38.7720, -4.3246, -12.9550 looks on a white background.

Color Contrast Check

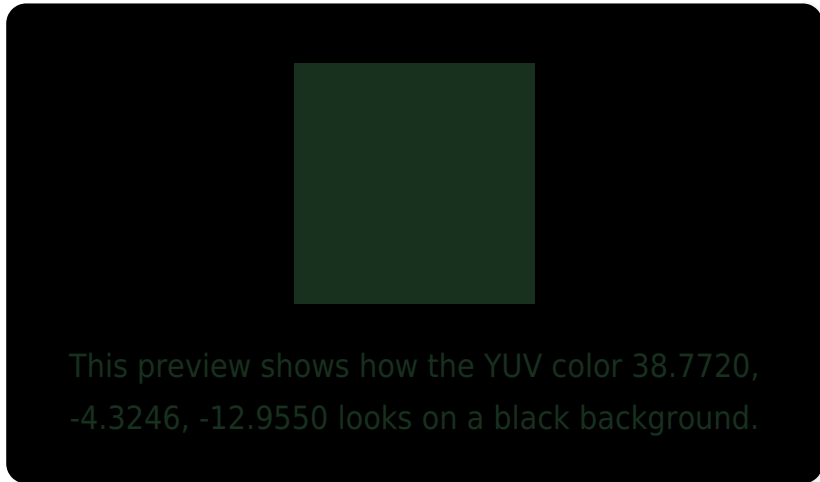
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.7720, -4.3246, -12.9550

Background



This preview shows how black text looks on a background with the YUV color 38.7720, -4.3246, -12.9550.



This preview shows how white text looks on a background with the YUV color 38.7720, -4.3246, -12.9550.

-12.9550.

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

38.7720, -4.3246, -12.9550

Protanopia

42.4860, -7.1416, 3.9588

Deuteranopia

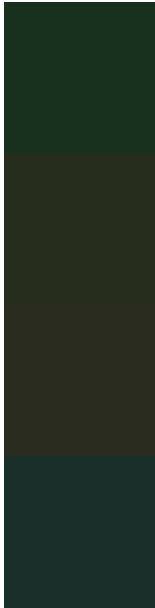
42.9640, -5.4053, 7.0476



Tritanopia

41.2590, 3.8163, -10.7511

Trichromacy



Original Color

38.7720, -4.3246, -12.9550

Protanomaly

41.3820, -6.1043, -2.0890

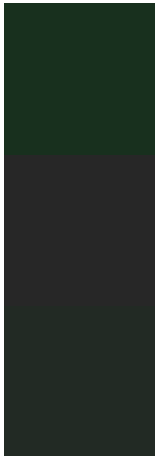
Deuteranomaly

41.6210, -5.2362, -0.5446

Tritanomaly

40.4500, 0.7641, -11.7957

Monochromacy



Original Color

38.7720, -4.3246, -12.9550

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7720, -4.3246, -12.9550 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(24, 48, 30)` looks like.

```
.text, #text, p{  
    color:rgb(24, 48, 30)  
}
```

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(24, 48, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 48, 30) }
```

Border

The CSS property to change the border of an element to YUV 38.7720, -4.3246, -12.9550 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(24, 48, 30) }
```


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

```
.border{ border-color:rgb(24, 48, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 48, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 48, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 48, 30);  
box-shadow:4px 4px 4px 4px rgb(24, 48, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.7720, -4.3246, -12.9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 48, 30) }
```

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

```
.background{ background-color: rgb(24, 48,  
30) }
```

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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