

Converting Colors

YUV(37.7980, -17.1554, -4.2078)

Have a look what the booklet for
YUV(37.7980, -17.1554, -4.2078)
contains.

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Color

**YUV(37.7980, -17.1554,
-4.2078)**

Conversions

Conversions Part 1

Format	Color
Hex	212F03
RGB	33, 47, 3
RGB Percent	13%, 18%, 1%
CMY	0.8706, 0.8157, 0.9882
CMYK	0.30, 0.00, 0.94, 0.82
HSL	79°, 88%, 10%
HSV	79°, 94%, 18%
XYZ	1.6602, 2.3629, 0.4547
YIQ	37.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

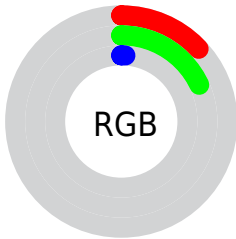
Format	Color
R_{YB}	3, 47, 17
Decimal	2174723
CIE _{Lab}	17.29, -13.75, 23.30
CIE _{LCh}	17, 27.055, 120.543
Yxy	2.3629, 0.3707, 0.5277
Android (android.graphics.Color)	4280364803 (0xFF212F03)
YUV	37.7980, -17.1554, -4.2078
Hunter-Lab	15.3719, -7.6228, 9.0063

Details

The YUV color **37.7980, -17.1554, -4.2078** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.2020, 17.1554, 4.2078**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **83.7980, -17.1554, -4.2078**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **37.1570, -18.3184, -4.5227**, and if you desaturate by 10%, it is **38.6670, -15.1188, -4.0930**.

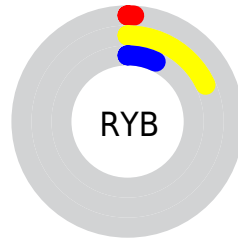
Distribution



Red (13%)

Green (18%)

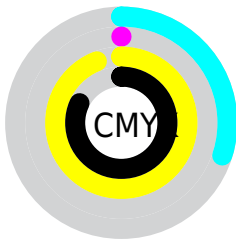
Blue (1%)



Red (1%)

Yellow (18%)

Blue (7%)

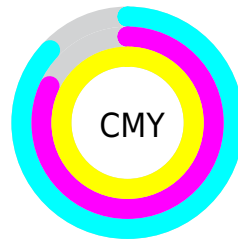


Cyan (30%)

Magenta (0%)

Yellow (94%)

Black (82%)



Cyan (87%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.7980, -17.1554, -4.2078 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 37.7980, -17.1554, -4.2078 by changing the saturation by 10% instead.

■ 37.7980, -17.1554,
-4.2078

■ 37.7980, -17.1554,
-4.2078

■ 252.1500,
-10.9200, 2.4994

■ 17.3440, -8.5506,
-10.8257

■ 83.7980, -17.1554,
-4.2078

■ 0.0000, 0.0000,
0.0000

■ 108.2710,
-17.8816, -4.6227

■ 133.4560,
-18.4658, -3.9079


■ 159.9290,
-19.1920, -4.3227


■ 186.8150,
-19.6288, -4.2228


■ 214.7010,


-20.0656, -4.1228


 243.2880,
-20.3550, -4.6376


 37.7980, -17.1554,
-4.2078


 37.7980, -17.1554,
-4.2078


 37.1570, -18.3184,
-4.5227

 38.6670, -15.1188,
-4.0930

 39.7210, -13.6665,
-3.2633

 40.5900, -11.6299,
-3.1484

 41.7580, -9.7407,
-2.4188

 42.6270, -7.7041,
-2.3039

■ 43.6810, -6.2517,
-1.4742

■ 44.5500, -4.2151,
-1.3593

■ 45.7180, -2.3260,
-0.6297

■ 46.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



40.5010, -19.9670, 10.9616



37.7980, -17.1554, -4.2078



32.1570, -5.0074, -27.3247

Triad

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



37.7980, -17.1554, -4.2078



37.4270, 19.0165, -32.8235



41.1270, 0.9234, 30.5836

Complementary

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



37.7980, -17.1554, -4.2078



12.2020, 17.1554, 4.2078

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.



43.8250, 8.9603, 19.4475



37.7980, -17.1554, -4.2078



35.6490, 22.3580, -31.2642

Square

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



37.7980, -17.1554, -4.2078



37.0050, 12.3225, -32.4534



43.2400, 16.1507, -0.2105



40.7220, -8.2439, 30.9388

Rectangle

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



37.7980, -17.1554, -4.2078



33.9270, 0.5290, -29.7540



43.2400, 16.1507, -0.2105



41.8000, 3.5496, 28.2394

Sweetspot

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



37.7980, -17.1554, -4.2078



57.5670, -6.6885, -1.3743



24.3740, -10.5374, 19.8430



28.5500, -4.2152, -1.3594



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.



37.7980, -17.1554, -4.2078



48.3650, -23.8439, -5.5821



31.2200, -13.9125, -17.7329



22.4730, -0.7262, -0.4148



68.7100, -33.8740, -8.5157



169.2720, -83.4511, -20.4095

Inverse Universe

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



12.2020, 17.1554, 4.2078



12.6350, 23.8439, 5.5821



18.7800, 13.9125, 17.7329



21.2280, 0.8736, -0.2000



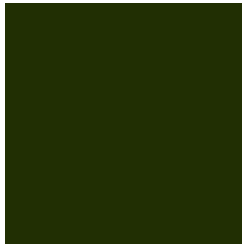
18.2900, 33.8740, 8.5157



44.7280, 83.4511, 20.4095

Previews

White Background



This preview shows how the YUV color 37.7980, -17.1554, -4.2078 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

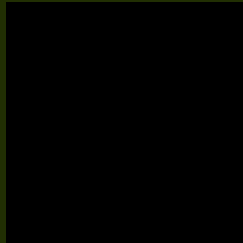
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7980, -17.1554, -4.2078

Background



This preview shows how black text looks on a background with the YUV color 37.7980, -17.1554, -4.2078.



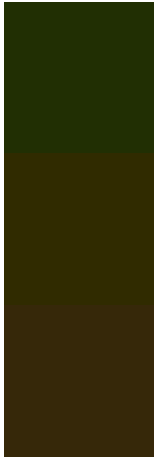
This preview shows how white text looks on a background with the YUV color 37.7980, -17.1554,

-4.2078.

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

37.7980, -17.1554, -4.2078

Protanopia

39.5930, -19.5193, 7.3729

Deuteranopia

40.6520, -15.6044, 11.7062



Tritanopia

42.5480, 2.1948, -3.9886

Trichromacy



Original Color

37.7980, -17.1554, -4.2078

Protanomaly

38.7990, -18.6349, 3.6843

Deuteranomaly

39.7930, -16.1669, 5.4435

Tritanomaly

40.7130, -4.7885, -4.1333

Monochromacy



Original Color

37.7980, -17.1554, -4.2078

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.6810, -6.2517, -1.4742

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7980, -17.1554, -4.2078 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(33, 47, 3)` looks like.

```
.text, #text, p{  
    color:rgb(33, 47, 3)  
}
```

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(33, 47, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 47, 3) }
```

Border

The CSS property to change the border of an element to YUV 37.7980, -17.1554, -4.2078 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(33, 47, 3) }
```


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

```
.border{ border-color:rgb(33, 47, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 47, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 47, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 47, 3); box-shadow:4px  
4px 4px 4px rgb(33, 47, 3) }
```

Background

The CSS property to change the background color of an element to YUV 37.7980, -17.1554, -4.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 47, 3) }
```

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

```
.background{ background-color: rgb(33, 47,  
3) }
```

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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