

Converting Colors

YUV(38.5250, -2.7238, 33.7426)

Have a look what the booklet for
YUV(38.5250, -2.7238, 33.7426)
contains.

YUV(38.5250, -2.7238, 33.7426)	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(38.5250, -2.7238,
33.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	4D1421
RGB	77, 20, 33
RGB Percent	30%, 8%, 13%
CMY	0.6980, 0.9216, 0.8706
CMYK	0.00, 0.74, 0.57, 0.70
HSL	346°, 59%, 19%
HSV	346°, 74%, 30%
XYZ	3.5852, 2.1879, 1.6722
YIQ	38.5250, 29.7990, 16.1270

Conversions

Conversions Part 2

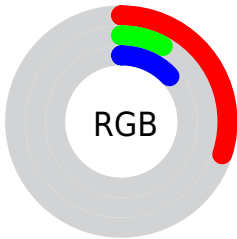
Format	Color
R_{YB}	77, 20, 33
Decimal	5051425
CIE Lab	16.44, 27.84, 6.22
CIE LCh	16, 28.529, 12.603
Yxy	2.1879, 0.4815, 0.2939
Android (android.graphics.Color)	4283241505 (0xFF4D1421)
YUV	38.5250, -2.7238, 33.7426
Hunter-Lab	14.7915, 17.3804, 3.6513

Details

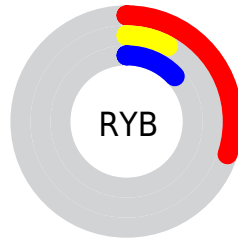
The YUV color **38.5250, -2.7238, 33.7426** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **58.4750, 2.7238, -33.7426**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **86.6780, -4.7713, 37.1164**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **33.1450, -3.0295, 38.4608**, and if you desaturate by 10%, it is **43.9050, -2.4182, 29.0243**.

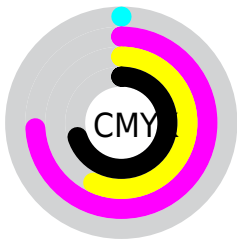
Distribution



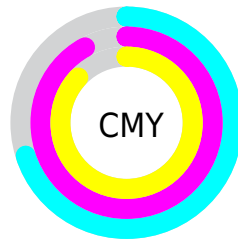
- Red (30%)
- Green (8%)
- Blue (13%)



- Red (30%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (57%)
- Black (70%)



- Cyan (70%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.5250, -2.7238, 33.7426 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 38.5250, -2.7238, 33.7426 by changing the saturation by 10% instead.

■ 38.5250, -2.7238,
33.7426

■ 38.5250, -2.7238,
33.7426

■ 254.4130, 0.2894,
0.5148

■ 16.9870, -3.4446,
31.5834

■ 86.6780, -4.7713,
37.1164

■ 7.5890, -3.2484,
15.2694

■ 111.8740, -5.3609,
39.5755

■ 0.0000, 0.0000,
0.0000

■ 138.0590, -5.9451,
40.2903

■ 164.9560, -6.3873,
42.1346

■ 191.8530, -6.8295,
43.9789

■ 215.3680, -4.6184,

34.7573

234.9960, -0.4910,
17.5435

38.5250, -2.7238,
33.7426

38.5250, -2.7238,
33.7426

33.1450, -3.0295,
38.4608

43.9050, -2.4182,
29.0243

28.3520, -3.6245,
42.6643

48.6980, -1.8231,
24.8209

25.0750, -3.4880,
45.5382

54.0780, -1.5175,
20.1026

59.4580, -1.2118,
15.3843

64.8380, -0.9061,
10.6661

■ 69.6310, -0.3111,
6.4626

■ 75.0110, -0.0054,
1.7444

■ 80.3910, 0.3002,
-2.9739

■ 85.0700, 0.4585,
-7.0774

Harmonies

Analogous

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



40.1850, 6.3178, 27.0248



38.5250, -2.7238, 33.7426



39.1580, -12.8959, 29.6794

Triad

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



38.5250, -2.7238, 33.7426



34.2530, -13.9287, -12.4999



36.1220, 21.6319, -31.6790

Complementary

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



38.5250, -2.7238, 33.7426



58.4750, 2.7238, -33.7426

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.



36.5150, 15.5221, -32.0237



38.5250, -2.7238, 33.7426



31.9550, -1.9498, -28.0245

Square

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



38.5250, -2.7238, 33.7426



37.8100, -18.6403, 5.4286



34.9360, 6.9336, -30.6389



36.0030, 22.1835, -21.9276

Rectangle

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



38.5250, -2.7238, 33.7426



38.2190, -18.8420, 23.4869



34.9360, 6.9336, -30.6389



36.9540, 19.7427, -32.4087

Sweetspot

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



38.5250, -2.7238, 33.7426



84.8490, -0.9116, 12.4104



39.6540, 18.4116, 21.3514



42.2290, -0.6059, 7.6922



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



38.5250, -2.7238, 33.7426



39.5920, -4.2359, 52.1008



45.8480, -12.7431, 27.3203



35.3100, -0.1528, 2.3591



33.1200, -4.9892, 60.4078



74.6980, -11.1901, 136.1999

Inverse Universe

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



38.5250, -2.7238, 33.7426



39.5920, -4.2359, 52.1008



51.1520, 12.7431, -27.3203



35.3100, -0.1528, 2.3591



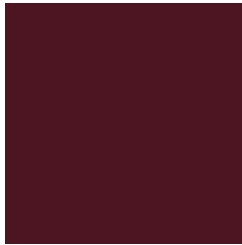
33.1200, -4.9892, 60.4078



74.6980, -11.1901, 136.1999

Previews

White Background



This preview shows how the YUV color 38.5250, -2.7238, 33.7426 looks on a white background.

Color Contrast Check

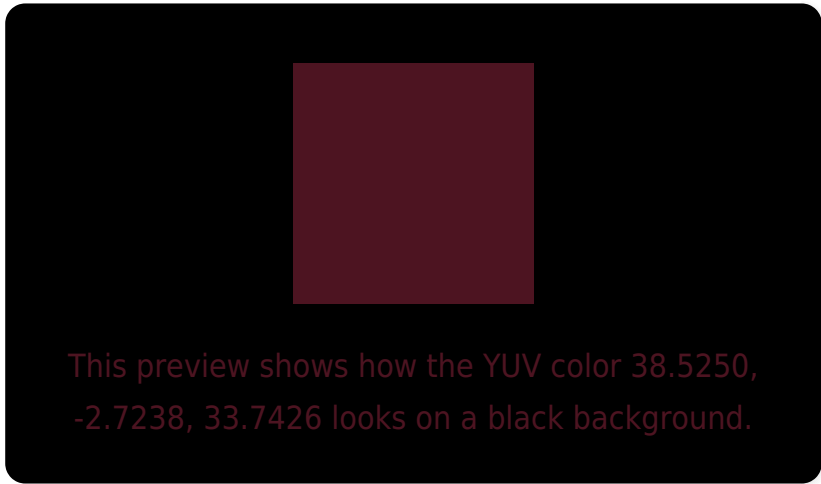
Large Text (above 18pt) WCAG AA ✓ Pass

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

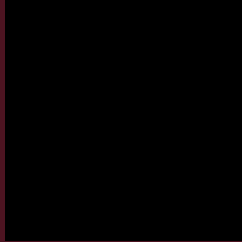
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.5250, -2.7238, 33.7426

Background



This preview shows how black text looks on a background with the YUV color 38.5250, -2.7238, 33.7426.



This preview shows how white text looks on a background with the YUV color 38.5250, -2.7238,

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

38.5250, -2.7238, 33.7426

Protanopia

42.5270, 0.7262, 0.4148

Deuteranopia

42.4370, -6.1314, 6.6328



Tritanopia

38.5590, -7.6706, 33.7128

Trichromacy



Original Color

38.5250, -2.7238, 33.7426

Protanomaly

40.9630, -0.4748, 12.3104

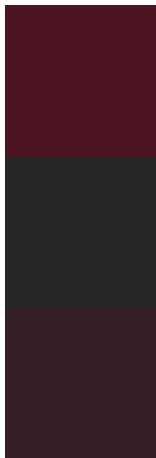
Deuteranomaly

40.8450, -4.8536, 16.7989

Tritanomaly

38.4280, -5.6340, 33.8276

Monochromacy



Original Color

38.5250, -2.7238, 33.7426

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.8490, -0.9116, 12.4104

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.5250, -2.7238, 33.7426 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(77, 20, 33)` looks like.

```
.text, #text, p{  
    color:rgb(77, 20, 33)  
}
```

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(77, 20, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 20, 33) }
```

Border

The CSS property to change the border of an element to YUV 38.5250, -2.7238, 33.7426 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(77, 20, 33) }
```


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

```
.border{ border-color:rgb(77, 20, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 20, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 20, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 20, 33);  
box-shadow:4px 4px 4px 4px rgb(77, 20, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.5250, -2.7238, 33.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 20, 33) }
```

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

```
.background{ background-color: rgb(77, 20,  
33) }
```

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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