

Converting Colors

YUV(38.2050, -17.3561,
60.3332)

Have a look what the booklet for
YUV(38.2050, -17.3561, 60.3332)
contains.

YUV(38.2050, -17.3561, 60.3332)	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(38.2050, -17.3561,
60.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0A03
RGB	107, 10, 3
RGB Percent	42%, 4%, 1%
CMY	0.5804, 0.9608, 0.9882
CMYK	0.00, 0.91, 0.97, 0.58
HSL	4°, 95%, 22%
HSV	4°, 97%, 42%
XYZ	6.1884, 3.3495, 0.4065
YIQ	38.2050, 60.0590, 18.3870

Conversions

Conversions Part 2

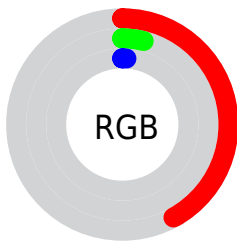
Format	Color
RYB	107, 11, 3
Decimal	7014915
CIELab	21.39, 39.97, 31.07
CIELCh	21, 50.628, 37.855
Yxy	3.3495, 0.6223, 0.3368
Android (android.graphics.Color)	4285204995 (0xFF6B0A03)
YUV	38.2050, -17.3561, 60.3332
Hunter-Lab	18.3015, 28.3294, 11.4942

Details

The YUV color **38.2050, -17.3561, 60.3332** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.7950, 17.3561, -60.3332**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.6630, -22.0189, 62.5625**, and **15.9610, -7.3758, 32.4832** is the 20% darker color. If you saturate the color by 10%, you get **36.1020, -17.7983, 62.1775**, and if you desaturate by 10%, it is **45.3290, -15.4452, 54.0855**.

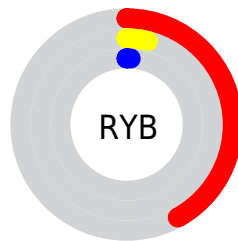
Distribution



Red (42%)

Green (4%)

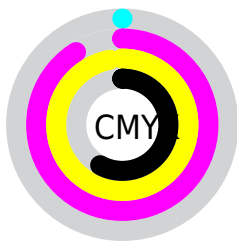
Blue (1%)



Red (42%)

Yellow (4%)

Blue (1%)

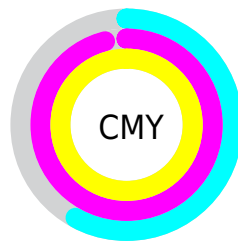


Cyan (0%)

Magenta (91%)

Yellow (97%)

Black (58%)



Cyan (58%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2050, -17.3561, 60.3332 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 38.2050, -17.3561, 60.3332 by changing the saturation by 10% instead.

■ 38.2050, -17.3561,
60.3332

■ 38.2050, -17.3561,
60.3332

■ 252.0360,
-11.3567, 2.5994

■ 23.3220, -11.4977,
47.9526

■ 93.6630, -22.0189,
62.5625

■ 15.9610, -7.3758,
32.4832

■ 119.9300,
-23.6295, 65.8364

■ 2.0930, -1.0318,
4.3034

■ 146.8980,
-25.0927, 68.4955


■ 0.0000, 0.0000,
0.0000


■ 174.5670,
-26.4085, 70.5397


■ 193.2660,
-23.3021, 54.1407


■ 212.7800,


-19.6115, 37.0269


 232.9950,
-15.7735, 19.2984


 38.2050, -17.3561,
60.3332


 38.2050, -17.3561,
60.3332


 36.1020, -17.7983,
62.1775

 45.3290, -15.4452,
54.0855

 52.3390, -13.9711,
47.9377

 59.4630, -12.0603,
41.6899

 66.5870, -10.1494,
35.4422

 73.7110, -8.2385,
29.1945

■ 80.7210, -6.7645,
23.0467

■ 87.8450, -4.8536,
16.7989

■ 94.9690, -2.9427,
10.5512

■ 101.9790, -1.4686,
4.4034

Harmonies

Analogous

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



38.9880, 1.9779, 65.7855



38.2050, -17.3561, 60.3332



48.0200, -23.6739, 33.3085

Triad

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



38.2050, -17.3561, 60.3332



40.5490, -9.6377, -35.5615



46.1760, 39.8462, -40.4964

Complementary

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



38.2050, -17.3561, 60.3332



71.7950, 17.3561, -60.3332

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.



50.8890, 35.0577, -44.6297



38.2050, -17.3561, 60.3332



45.6960, 7.5449, -40.0754

Square

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



38.2050, -17.3561, 60.3332



38.4980, -18.9795, -25.8697



49.8000, 23.2696, -43.6746



51.4380, 29.3641, 8.3859

Rectangle

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



38.2050, -17.3561, 60.3332



48.7960, -24.0564, 15.9649



49.8000, 23.2696, -43.6746



48.5240, 38.6887, -42.5555

Sweetspot

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



38.2050, -17.3561, 60.3332



113.1340, -6.4751, 23.5615



45.1540, 27.0391, 54.2389



54.6490, -4.2640, 14.3398



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



38.2050, -17.3561, 60.3332



47.1430, -23.2415, 81.4356



68.7290, -32.4044, 33.5637



50.3810, -1.1738, 3.1739



39.6790, -19.5617, 67.8105



82.6470, -40.7450, 142.3836

Inverse Universe

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



71.7950, 17.3561, -60.3332



92.8570, 23.2415, -81.4356



41.2710, 32.4044, -33.5637



51.6190, 1.1738, -3.1739



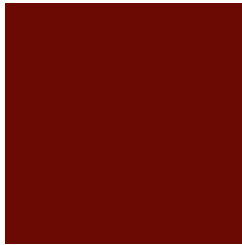
77.3210, 19.5617, -67.8105



161.7660, 41.0344, -141.8688

Previews

White Background



This preview shows how the YUV color 38.2050, -17.3561, 60.3332 looks on a white background.

Color Contrast Check

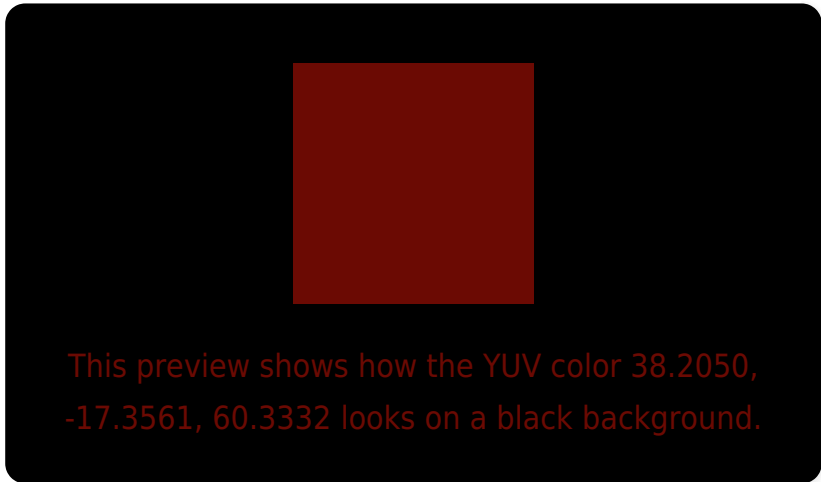
Large Text (above 18pt) WCAG AA ✓ Pass

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

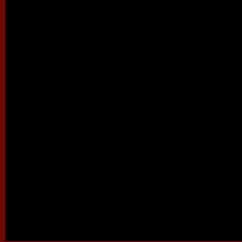
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2050, -17.3561, 60.3332

Background



This preview shows how black text looks on a background with the YUV color 38.2050, -17.3561, 60.3332.



This preview shows how white text looks on a background with the YUV color 38.2050, -17.3561,

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

38.2050, -17.3561, 60.3332

Protanopia

52.1200, -18.7932, 7.7878

Deuteranopia

51.1550, -25.2194, 15.6501



Tritanopia

38.3190, -16.9193, 60.2332

Trichromacy



Original Color

38.2050, -17.3561, 60.3332

Protanomaly

47.3550, -18.4160, 26.8757

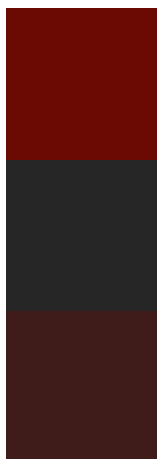
Deuteranomaly

46.6500, -22.5054, 31.8789

Tritanomaly

38.3190, -16.9193, 60.2332

Monochromacy



Original Color

38.2050, -17.3561, 60.3332

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1230, -6.4696, 21.8171

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2050, -17.3561, 60.3332 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(107, 10, 3)` looks like.

```
.text, #text, p{  
    color:rgb(107, 10, 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(107, 10, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 10, 3) }
```

Border

The CSS property to change the border of an element to YUV 38.2050, -17.3561, 60.3332 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(107, 10, 3) }
```


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

```
.border{ border-color:rgb(107, 10, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 10, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 10, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 10, 3);  
box-shadow:4px 4px 4px 4px rgb(107, 10, 3)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.2050, -17.3561, 60.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 10, 3) }
```

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

```
.background{ background-color: rgb(107, 10,  
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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