

Converting Colors

YUV(38.7070, -8.7296, 46.7380)

Have a look what the booklet for
YUV(38.7070, -8.7296, 46.7380)
contains.

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Color

**YUV(38.7070, -8.7296,
46.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	5C0F15
RGB	92, 15, 21
RGB Percent	36%, 6%, 8%
CMY	0.6392, 0.9412, 0.9176
CMYK	0.00, 0.84, 0.77, 0.64
HSL	355°, 72%, 21%
HSV	355°, 84%, 36%
XYZ	4.7198, 2.6711, 0.9763
YIQ	38.7070, 43.9660, 18.1900

Conversions

Conversions Part 2

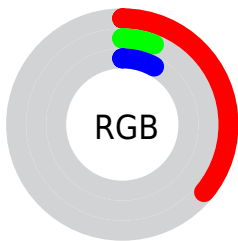
Format	Color
R_{YB}	92, 15, 21
Decimal	6033173
CIE _{Lab}	18.68, 34.32, 18.24
CIE _{LCh}	19, 38.861, 27.985
Yxy	2.6711, 0.5641, 0.3192
Android (android.graphics.Color)	4284223253 (0xFF5C0F15)
YUV	38.7070, -8.7296, 46.7380
Hunter-Lab	16.3435, 22.9476, 7.8988

Details

The YUV color **38.7070, -8.7296, 46.7380** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **68.2930, 8.7296, -46.7380**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.1760, -13.3978, 50.7116**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **32.5120, -9.6194, 52.1710**, and if you desaturate by 10%, it is **44.9020, -7.8397, 41.3049**.

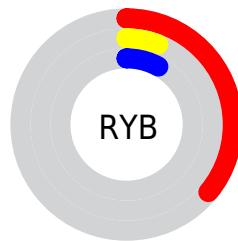
Distribution



Red (36%)

Green (6%)

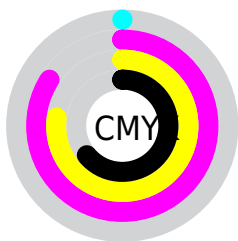
Blue (8%)



Red (36%)

Yellow (6%)

Blue (8%)

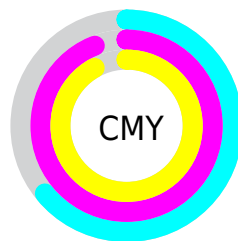


Cyan (0%)

Magenta (84%)

Yellow (77%)

Black (64%)



Cyan (64%)


Magenta (94%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 38.7070, -8.7296, 46.7380 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 38.7070, -8.7296, 46.7380 by changing the saturation by 10% instead.


 38.7070, -8.7296,
46.7380

 38.7070, -8.7296,
46.7380

 253.3870, -3.6418,
1.4146


 19.7340, -9.7289,
40.5753

 90.1760, -13.3978,
50.7116

 12.3730, -5.6069,
25.1059

 115.9590,
-14.2768, 52.6560

 0.0000, 0.0000,
0.0000

 142.0410,
-15.3032, 55.2150

 169.1230,
-16.3296, 57.7741

 194.0300,
-15.2978, 53.4707

 213.5440,

-11.6072, 36.3569

233.6450, -8.2060,
18.7283

38.7070, -8.7296,
46.7380

38.7070, -8.7296,
46.7380

32.5120, -9.6194,
52.1710

44.9020, -7.8397,
41.3049

28.3060, -10.5039,
55.8596

51.2110, -6.5130,
35.7720

57.9930, -5.9125,
29.8241

64.3020, -4.5859,
24.2911

70.4970, -3.6960,
18.8581

■ 76.8060, -2.3694,
13.3251

■ 83.0010, -1.4795,
7.8921

■ 89.8970, -0.4422,
1.8443

■ 96.0920, 0.4476,
-3.5887

Harmonies

Analogous

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



37.2030, 5.8159, 48.0570



38.7070, -8.7296, 46.7380



42.1170, -20.7637, 33.2234

Triad

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



38.7070, -8.7296, 46.7380



33.6530, -10.6749, -29.5137



40.9780, 30.0838, -35.9377

Complementary

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



38.7070, -8.7296, 46.7380



68.2930, 8.7296, -46.7380

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.



42.8870, 24.7057, -37.6119



38.7070, -8.7296, 46.7380



38.3610, 2.2870, -33.6426

Square

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



38.7070, -8.7296, 46.7380



39.5050, -19.4760, -6.5819



41.5530, 14.5174, -36.4420



44.9000, 25.1923, -6.9283

Rectangle

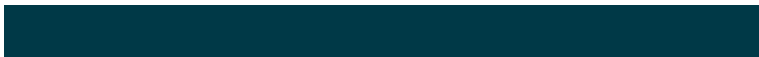
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.7070, -8.7296, 46.7380



43.5130, -21.4519, 20.5981



41.5530, 14.5174, -36.4420



42.0380, 29.0683, -36.8673

Sweetspot

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



38.7070, -8.7296, 46.7380



99.1980, -3.5486, 18.2434



45.0070, 23.1675, 35.9509



48.4960, -2.2165, 10.9660



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



38.7070, -8.7296, 46.7380



36.9060, -13.7577, 72.8734



56.8070, -20.6109, 30.8643



42.6090, -0.3002, 2.9739



33.9160, -12.2836, 66.7257



72.9150, -27.0731, 143.9025

Inverse Universe

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



38.7070, -8.7296, 46.7380



36.9060, -13.7577, 72.8734



50.1930, 20.6109, -30.8643



42.6090, -0.3002, 2.9739



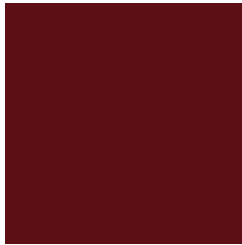
33.9160, -12.2836, 66.7257



72.9150, -27.0731, 143.9025

Previews

White Background



This preview shows how the YUV color 38.7070, -8.7296, 46.7380 looks on a white background.

Color Contrast Check

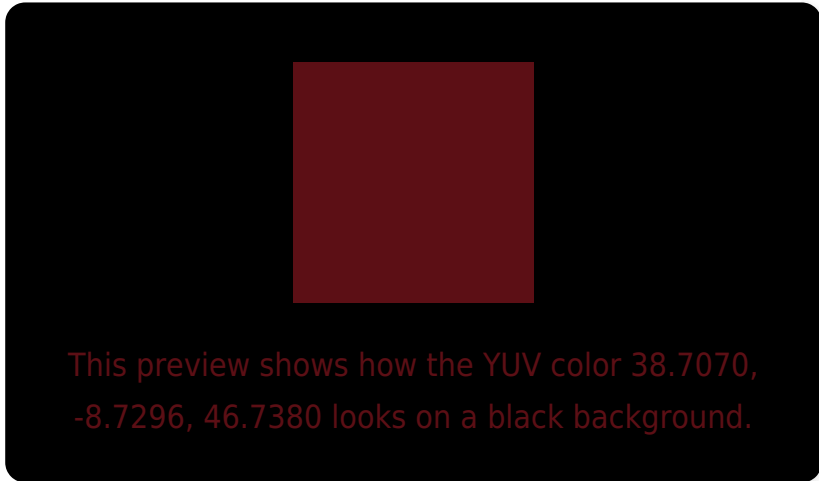
Large Text (above 18pt) WCAG AA ✓ Pass

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

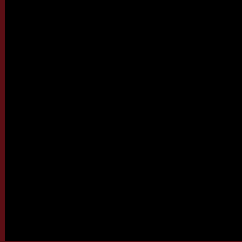
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.7070, -8.7296, 46.7380

Background



This preview shows how black text looks on a background with the YUV color 38.7070, -8.7296, 46.7380.

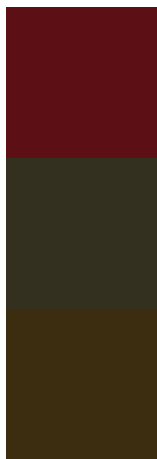


This preview shows how white text looks on a background with the YUV color 38.7070, -8.7296,

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

38.7070, -8.7296, 46.7380

Protanopia

47.2580, -8.0152, 4.1587

Deuteranopia

46.1790, -14.8782, 12.1210



Tritanopia

38.6100, -11.6397, 46.8230

Trichromacy



Original Color

38.7070, -8.7296, 46.7380

Protanomaly

44.2430, -8.5008, 19.9579

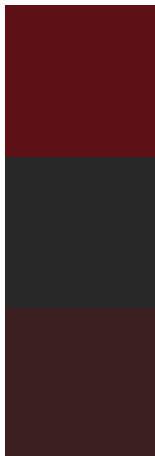
Deuteranomaly

43.5380, -12.5902, 24.9612

Tritanomaly

38.8380, -10.7661, 46.6231

Monochromacy



Original Color

38.7070, -8.7296, 46.7380

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6000, -3.2538, 17.0138

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7070, -8.7296, 46.7380 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(92, 15, 21)` looks like.

```
.text, #text, p{  
    color:rgb(92, 15, 21)  
}
```

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(92, 15, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 15, 21) }
```

Border

The CSS property to change the border of an element to YUV 38.7070, -8.7296, 46.7380 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(92, 15, 21) }
```


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

```
.border{ border-color:rgb(92, 15, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 15, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 15, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 15, 21);  
box-shadow:4px 4px 4px 4px rgb(92, 15, 21)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.7070, -8.7296, 46.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 15, 21) }
```

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

```
.background{ background-color: rgb(92, 15,  
21) }
```

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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