

Converting Colors

YUV(86.0940, -38.9933,
93.7566)

Have a look what the booklet for
YUV(86.0940, -38.9933, 93.7566)
contains.

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Color

**YUV(86.0940, -38.9933,
93.7566)**

Conversions

Conversions Part 1

Format	Color
Hex	C12F07
RGB	193, 47, 7
RGB Percent	76%, 18%, 3%
CMY	0.2431, 0.8157, 0.9725
CMYK	0.00, 0.76, 0.96, 0.24
HSL	13°, 93%, 39%
HSV	13°, 96%, 76%
XYZ	23.0472, 13.3858, 1.5700
YIQ	86.0940, 99.8560, 18.5120

Conversions

Conversions Part 2

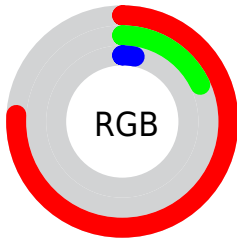
Format	Color
R_{YB}	193, 58, 7
Decimal	12660487
CIE Lab	43.34, 56.02, 53.63
CIE LCh	43, 77.552, 43.751
Yxy	13.3858, 0.6065, 0.3522
Android (android.graphics.Color)	4290850567 (0xFFC12F07)
YUV	86.0940, -38.9933, 93.7566
Hunter-Lab	36.5866, 48.4166, 23.0664

Details

The YUV color **86.0940, -38.9933, 93.7566** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **113.9060, 38.9933, -93.7566**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0190, -41.9144, 97.3303**, and **38.8700, -19.1629, 79.9210** is the 20% darker color. If you saturate the color by 10%, you get **82.3610, -40.6040, 97.0304**, and if you desaturate by 10%, it is **97.0650, -35.0350, 84.1350**.

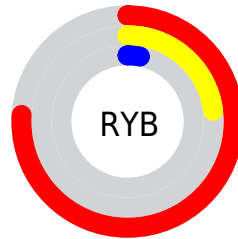
Distribution



Red (76%)

Green (18%)

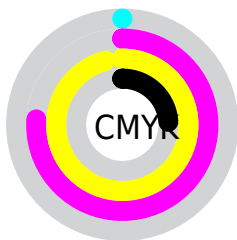
Blue (3%)



Red (76%)

Yellow (23%)

Blue (3%)

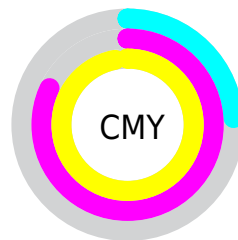


Cyan (0%)

Magenta (76%)

Yellow (96%)

Black (24%)



Cyan (24%)


Magenta (82%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YUV color 86.0940, -38.9933, 93.7566 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 86.0940, -38.9933, 93.7566 by changing the saturation by 10% instead.


 86.0940, -38.9933,
93.7566


 86.0940, -38.9933,
93.7566


 254.0880, -3.4944,
0.7998


 51.0740, -25.1795,
96.4051


 144.0190,
-41.9144, 97.3303


 38.8700, -19.1629,
79.9210

 163.3050,
-39.0974, 80.4165


 29.6010, -14.5933,
60.8629

 182.5910,
-36.2804, 63.5027

 21.0440, -9.8817,
42.9344

 202.1050,
-32.5898, 46.3889


 12.0740, -5.4595,
24.4911


 222.0920,
-29.6254, 28.8603


 0.0000, 0.0000,
0.0000


 242.8940,


-26.0767, 10.6170

 250.7820,
-16.1615, 3.6992


 86.0940, -38.9933,
93.7566

 86.0940, -38.9933,
93.7566

 82.3610, -40.6040,
97.0304

 97.0650, -35.0350,
84.1350

 108.1500,
-30.6400, 74.4134

 119.1210,
-26.6817, 64.7919

 130.6790,
-23.0127, 54.6555

 141.6500,
-19.0544, 45.0340

■ 152.7350,
-14.6594, 35.3124

■ 163.7060,
-10.7011, 25.6908

■ 174.6770, -6.7428,
16.0693

■ 185.7620, -2.3477,
6.3477

Harmonies

Analogous

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



71.7530, 2.0938, 122.1196



86.0940, -38.9933, 93.7566



96.2290, -47.4409, 49.7882

Triad

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



86.0940, -38.9933, 93.7566



81.2580, -8.5082, -71.2633



85.5070, 71.2350, -74.9896

Complementary

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



86.0940, -38.9933, 93.7566



113.9060, 38.9933, -93.7566

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.



96.4320, 64.8630, -84.5709



86.0940, -38.9933, 93.7566



90.6570, 19.8891, -79.5062

Square

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



86.0940, -38.9933, 93.7566



71.0270, -35.0163, -62.2907



96.3230, 46.6758, -84.4753



103.0490, 46.3178, 30.6520

Rectangle

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



86.0940, -38.9933, 93.7566



95.7430, -47.2013, 19.5194



96.3230, 46.6758, -84.4753



90.5450, 70.2303, -79.4080

Sweetspot

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



86.0940, -38.9933, 93.7566



208.2190, -15.3910, 36.6419



79.6000, 37.6652, 99.4518



100.0260, -9.3798, 21.9022



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



86.0940, -38.9933, 93.7566



106.4480, -52.4789, 125.8951



138.9240, -65.0385, 47.4247



91.1640, -2.0529, 5.1182



68.6840, -33.8612, 80.9611



13.9760, -6.8902, 16.6840

Inverse Universe

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



113.9060, 38.9933, -93.7566



143.5520, 52.4789, -125.8951



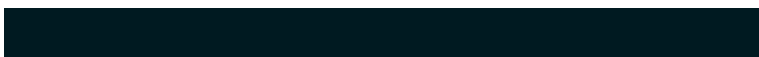
61.0760, 65.0385, -47.4247



92.8360, 2.0529, -5.1182



92.3160, 33.8612, -80.9611



19.0240, 6.8902, -16.6840

Previews

White Background



This preview shows how the YUV color 86.0940, -38.9933, 93.7566 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 × Fail

Black Background



This preview shows how the YUV color 86.0940, -38.9933, 93.7566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

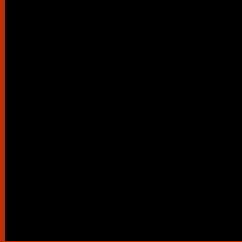
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.0940, -38.9933, 93.7566

Background



This preview shows how black text looks on a background with the YUV color 86.0940, -38.9933, 93.7566.



This preview shows how white text looks on a background with the YUV color 86.0940, -38.9933,

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

86.0940, -38.9933, 93.7566

Protanopia

98.4680, -36.7127, 15.3756

Deuteranopia

96.3960, -47.5232, 29.4707



Tritanopia

88.9640, -21.6743, 92.1166

Trichromacy



Original Color

86.0940, -38.9933, 93.7566

Protanomaly

93.8290, -37.3837, 44.0000

Deuteranomaly

92.4620, -44.1048, 53.0918

Tritanomaly

87.9550, -28.0788, 93.0015

Monochromacy



Original Color

86.0940, -38.9933, 93.7566

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1370, -14.3645, 34.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0940, -38.9933, 93.7566 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(193, 47, 7)` looks like.

```
.text, #text, p{  
    color:rgb(193, 47, 7)  
}
```

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(193, 47, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 47, 7) }
```

Border

The CSS property to change the border of an element to YUV 86.0940, -38.9933, 93.7566 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(193, 47, 7) }
```


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

```
.border{ border-color:rgb(193, 47, 7) }
```

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

Here you see how a box with a 4 pixel rgb(193, 47, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 47, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 47, 7);  
box-shadow:4px 4px 4px 4px rgb(193, 47, 7)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.0940, -38.9933, 93.7566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 47, 7) }
```

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

```
.background{ background-color: rgb(193, 47,  
7) }
```

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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