

Converting Colors

YUV(86.5790, -11.1314,
70.5292)

Have a look what the booklet for
YUV(86.5790, -11.1314, 70.5292)
contains.

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Color

**YUV(86.5790, -11.1314,
70.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	A73240
RGB	167, 50, 64
RGB Percent	65%, 20%, 25%
CMY	0.3451, 0.8039, 0.7490
CMYK	0.00, 0.70, 0.62, 0.35
HSL	353°, 54%, 43%
HSV	353°, 70%, 65%
XYZ	18.0024, 10.8669, 5.9992
YIQ	86.5790, 65.2380, 29.1580

Conversions

Conversions Part 2

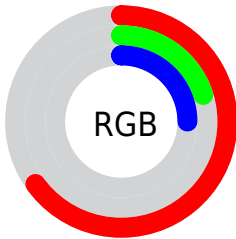
Format	Color
RYB	167, 50, 64
Decimal	10957376
CIELab	39.36, 48.54, 19.34
CIElCh	39, 52.253, 21.719
Yxy	10.8669, 0.5163, 0.3117
Android (android.graphics.Color)	4289147456 (0xFFA73240)
YUV	86.5790, -11.1314, 70.5292
Hunter-Lab	32.9649, 39.7914, 12.2855

Details

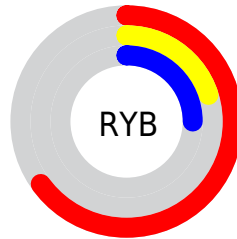
The YUV color **86.5790, -11.1314, 70.5292** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **130.4210, 11.1314, -70.5292**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6890, -14.6367, 74.8177**, and **35.0990, -6.4578, 64.8112** is the 20% darker color. If you saturate the color by 10%, you get **74.8900, -12.7638, 80.7805**, and if you desaturate by 10%, it is **98.2680, -9.4991, 60.2780**.

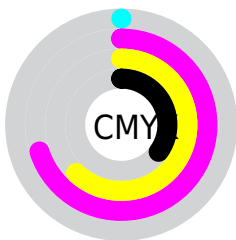
Distribution



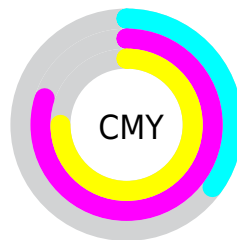
- Red (65%)
- Green (20%)
- Blue (25%)



- Red (65%)
- Yellow (20%)
- Blue (25%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.5790, -11.1314, 70.5292 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 86.5790, -11.1314, 70.5292 by changing the saturation by 10% instead.

■ 86.5790, -11.1314,
70.5292

■ 86.5790, -11.1314,
70.5292

■ 255.0000, 0.0000,
0.0000

■ 56.6160, -7.2057,
71.3738

■ 141.6890,
-14.6367, 74.8177

■ 35.0990, -6.4578,
64.8112

■ 168.7600,
-15.6577, 75.6325

■ 23.9200, -11.7926,
49.1822

■ 187.5730,
-12.1145, 59.1335

■ 16.3740, -7.0864,
32.9980

■ 207.0870, -8.4239,
42.0197

■ 2.0930, -1.0318,
4.3034

■ 227.3020, -4.5859,
24.2911

■ 0.0000, 0.0000,
0.0000

■ 247.5170, -0.7479,

■ 86.5790, -11.1314,
70.5292

■ 86.5790, -11.1314,
70.5292

■ 74.8900, -12.7638,
80.7805

■ 98.2680, -9.4991,
60.2780

■ 63.9020, -14.2487,
90.4169

■ 109.2560, -8.0142,
50.6415

■ 52.2130, -15.8810,
100.6682

■ 120.9450, -6.3819,
40.3902

■ 132.6340, -4.7496,
30.1390

■ 143.7360, -2.8278,
20.4025

■ 155.3110, -1.6323,
10.2513

■ 167.0000, 0.0000,
0.0000

■ 178.6890, 1.6323,
-10.2513

■ 189.6770, 3.1172,
-19.8877

Harmonies

Analogous

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



88.6980, 8.5299, 64.2859



86.5790, -11.1314, 70.5292



88.2140, -31.1645, 55.9403

Triad

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



86.5790, -11.1314, 70.5292



72.1810, -18.3302, -47.5167



79.4650, 48.0848, -69.6908

Complementary

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



86.5790, -11.1314, 70.5292



130.4210, 11.1314, -70.5292

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.



82.1090, 37.9073, -72.0096



86.5790, -11.1314, 70.5292



74.1630, 2.3846, -65.0410

Square

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



86.5790, -11.1314, 70.5292



83.5170, -41.1739, -0.4534



79.7660, 21.3144, -69.9548



90.1120, 40.3708, -22.0232

Rectangle

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



86.5790, -11.1314, 70.5292



87.3140, -43.0458, 40.0666



79.7660, 21.3144, -69.9548



81.4710, 45.6168, -71.4501

Sweetspot

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



86.5790, -11.1314, 70.5292



185.4380, -4.1599, 27.6799



93.5370, 36.2173, 50.3951



90.8280, -2.3802, 16.8138



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



86.5790, -11.1314, 70.5292



91.8120, -17.6553, 109.7899



110.2240, -29.6904, 49.7926



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.2080, -2.0745, 12.0956

Inverse Universe

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



86.5790, -11.1314, 70.5292



91.8120, -17.6553, 109.7899



106.7760, 29.6904, -49.7926



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.2080, -2.0745, 12.0956

Previews

White Background



This preview shows how the YUV color 86.5790, -11.1314, 70.5292 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 86.5790, -11.1314, 70.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

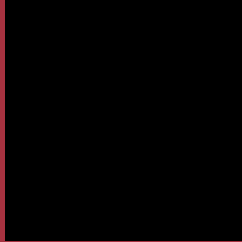
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5790, -11.1314, 70.5292

Background



This preview shows how black text looks on a background with the YUV color 86.5790, -11.1314, 70.5292.



This preview shows how white text looks on a background with the YUV color 86.5790, -11.1314,

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

86.5790, -11.1314, 70.5292

Protanopia

93.3550, -5.1050, 4.0737

Deuteranopia

92.6420, -17.0785, 17.8540



Tritanopia

86.6130, -16.0782, 70.4994

Trichromacy



Original Color

86.5790, -11.1314, 70.5292

Protanomaly

90.6400, -7.2175, 28.3797

Deuteranomaly

90.6320, -15.1016, 37.1567

Tritanomaly

86.4820, -14.0416, 70.6143

Monochromacy



Original Color

86.5790, -11.1314, 70.5292

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.1280, -4.0071, 25.3207

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5790, -11.1314, 70.5292 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(167, 50, 64)` looks like.

```
.text, #text, p{  
    color:rgb(167, 50, 64)  
}
```

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(167, 50, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 50, 64) }
```

Border

The CSS property to change the border of an element to YUV 86.5790, -11.1314, 70.5292 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(167, 50, 64) }
```


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

```
.border{ border-color:rgb(167, 50, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 50, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 50, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 50, 64);  
box-shadow:4px 4px 4px 4px rgb(167, 50,  
64) }
```

Background

The CSS property to change the background color of an element to YUV 86.5790, -11.1314, 70.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 50, 64) }
```

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

```
.background{ background-color: rgb(167, 50,  
64) }
```

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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