

Converting Colors

YUV(86.4040, -25.8352,
73.3137)

Have a look what the booklet for
YUV(86.4040, -25.8352, 73.3137)
contains.

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Color

**YUV(86.4040, -25.8352,
73.3137)**

Conversions

Conversions Part 1

Format	Color
Hex	AA3622
RGB	170, 54, 34
RGB Percent	67%, 21%, 13%
CMY	0.3333, 0.7882, 0.8667
CMYK	0.00, 0.68, 0.80, 0.33
HSL	9°, 67%, 40%
HSV	9°, 80%, 67%
XYZ	18.1855, 11.2999, 2.7360
YIQ	86.4040, 75.5560, 18.3720

Conversions

Conversions Part 2

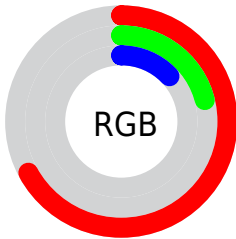
Format	Color
RYB	170, 57, 34
Decimal	11154978
CIELab	40.08, 46.39, 38.11
CIElCh	40, 60.035, 39.407
Yxy	11.2999, 0.5644, 0.3507
Android (android.graphics.Color)	4289345058 (0xFFAA3622)
YUV	86.4040, -25.8352, 73.3137
Hunter-Lab	33.6153, 37.7396, 18.7050

Details

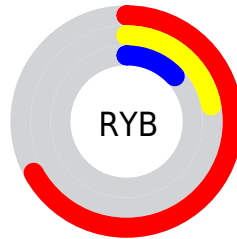
The YUV color **86.4040, -25.8352, 73.3137** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **117.5960, 25.8352, -73.3137**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2970, -30.2194, 79.5465**, and **32.8900, -16.2148, 67.6255** is the 20% darker color. If you saturate the color by 10%, you get **76.2480, -29.2093, 82.2205**, and if you desaturate by 10%, it is **96.5600, -22.4611, 64.4069**.

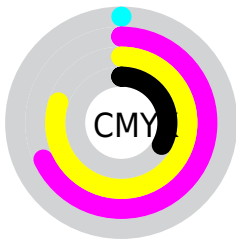
Distribution



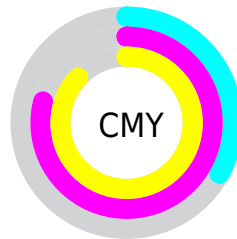
- Red (67%)
- Green (21%)
- Blue (13%)



- Red (67%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (80%)
- Black (33%)





- Cyan (33%)
- Magenta (79%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.4040, -25.8352, 73.3137 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 86.4040, -25.8352, 73.3137 by changing the saturation by 10% instead.


 86.4040, -25.8352,
73.3137

 86.4040, -25.8352,
73.3137


255.0000, 0.0000,
0.0000


 57.9030, -22.6302,
71.9991


 141.2970,
-30.2194, 79.5465


 32.8900, -16.2148,
67.6255


 166.8730,
-30.5034, 77.2874


 23.9200, -11.7926,
49.1822

 185.5720,
-27.3970, 60.8884

 16.6730, -7.2338,
33.6128

 204.9720,
-24.1432, 43.8746

 2.6910, -1.3267,
5.5330

 225.1870,
-20.3052, 26.1460

 0.0000, 0.0000,
0.0000

 245.2880,

-16.9040, 8.5174

■ 253.2900, -6.5520,
1.4997

■ 86.4040, -25.8352,
73.3137

■ 86.4040, -25.8352,
73.3137

■ 76.2480, -29.2093,
82.2205

■ 96.5600, -22.4611,
64.4069

■ 65.5050, -32.2940,
91.6421

■ 107.3030,
-19.3764, 54.9853

■ 117.4590,
-16.0023, 46.0785

■ 128.2020,
-12.9176, 36.6568

■ 138.3580, -9.5435,
27.7500

■ 149.1010, -6.4588,
18.3284

■ 159.2570, -3.0847,
9.4216

■ 170.0000, 0.0000,
0.0000

■ 180.1560, 3.3741,
-8.9068

Harmonies

Analogous

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



82.1260, -0.5551, 84.9585



86.4040, -25.8352, 73.3137



88.8310, -43.7937, 46.6292

Triad

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



86.4040, -25.8352, 73.3137



73.5300, -7.6563, -64.4858



78.2400, 56.0837, -68.6165

Complementary

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



86.4040, -25.8352, 73.3137



117.5960, 25.8352, -73.3137

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.



85.3010, 50.1376, -74.8090



86.4040, -25.8352, 73.3137



80.5180, 14.0416, -70.6143

Square

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



86.4040, -25.8352, 73.3137



76.5520, -37.7401, -28.5481



85.2890, 34.8605, -74.7985



96.4310, 36.7625, 15.4080

Rectangle

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



86.4040, -25.8352, 73.3137



88.6880, -43.7232, 23.9526



85.2890, 34.8605, -74.7985



81.4030, 55.5103, -71.3904

Sweetspot

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



86.4040, -25.8352, 73.3137



188.9560, -9.8383, 28.9796



88.1160, 31.4948, 71.8123



91.9160, -5.8746, 17.6137



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



86.4040, -25.8352, 73.3137



90.8840, -40.3688, 114.9887



125.1460, -44.9350, 39.3370



78.9790, -1.4686, 4.4034



57.1660, -28.1828, 79.6614



7.7410, -3.8163, 10.7511

Inverse Universe

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



117.5960, 25.8352, -73.3137



140.1160, 40.3688, -114.9887



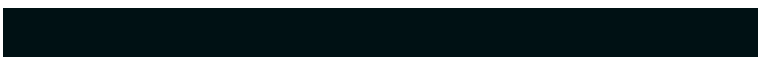
78.8540, 44.9350, -39.3370



81.0210, 1.4686, -4.4034



90.8340, 28.1828, -79.6614



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 86.4040, -25.8352, 73.3137 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 86.4040, -25.8352, 73.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

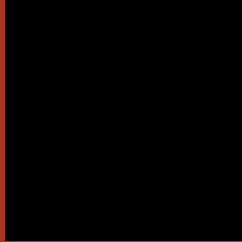
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4040, -25.8352, 73.3137

Background



This preview shows how black text looks on a background with the YUV color 86.4040, -25.8352, 73.3137.



This preview shows how white text looks on a background with the YUV color 86.4040, -25.8352,

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

86.4040, -25.8352, 73.3137

Protanopia

93.2900, -23.3140, 11.1467

Deuteranopia

92.0330, -33.5403, 24.5271



Tritanopia

87.8090, -16.6678, 72.9585

Trichromacy



Original Color

86.4040, -25.8352, 73.3137

Protanomaly

90.9060, -24.1107, 33.4084

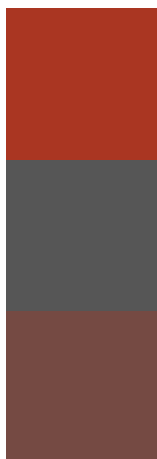
Deuteranomaly

90.2400, -30.6843, 41.8855

Tritanomaly

87.5980, -20.0148, 73.1436

Monochromacy



Original Color

86.4040, -25.8352, 73.3137

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0590, -9.3961, 27.1353

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4040, -25.8352, 73.3137 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(170, 54, 34)` looks like.

```
.text, #text, p{  
    color:rgb(170, 54, 34)  
}
```

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(170, 54, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 54, 34) }
```

Border

The CSS property to change the border of an element to YUV 86.4040, -25.8352, 73.3137 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(170, 54, 34) }
```


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

```
.border{ border-color:rgb(170, 54, 34) }
```

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

Here you see how a box with a 4 pixel rgb(170, 54, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 54, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 54, 34);  
box-shadow:4px 4px 4px 4px rgb(170, 54,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 86.4040, -25.8352, 73.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 54, 34) }
```

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

```
.background{ background-color: rgb(170, 54,  
34) }
```

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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