

Converting Colors

YUV(86.1280, -10.4161,
74.4327)

Have a look what the booklet for
YUV(86.1280, -10.4161, 74.4327)
contains.

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Color

**YUV(86.1280, -10.4161,
74.4327)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2F41
RGB	171, 47, 65
RGB Percent	67%, 18%, 25%
CMY	0.3294, 0.8157, 0.7451
CMYK	0.00, 0.73, 0.62, 0.33
HSL	351°, 57%, 43%
HSV	351°, 73%, 67%
XYZ	18.7652, 11.0726, 6.1492
YIQ	86.1280, 68.1260, 31.8860

Conversions

Conversions Part 2

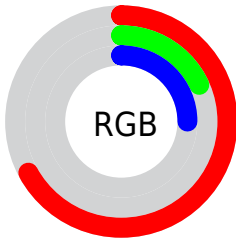
Format	Color
R_{YB}	171, 47, 65
Decimal	11218753
CIE _{Lab}	39.70, 51.05, 19.31
CIE _{LCh}	40, 54.576, 20.716
Yxy	11.0726, 0.5214, 0.3077
Android (android.graphics.Color)	4289408833 (0xFFAB2F41)
YUV	86.1280, -10.4161, 74.4327
Hunter-Lab	33.2755, 42.4302, 12.3363

Details

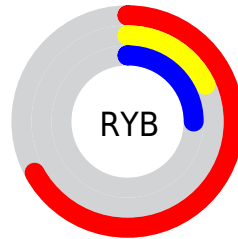
The YUV color **86.1280, -10.4161, 74.4327** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **131.8720, 10.4161, -74.4327**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1240, -14.3581, 78.8213**, and **36.1100, -6.4632, 66.5555** is the 20% darker color. If you saturate the color by 10%, you get **74.4390, -12.0484, 84.6840**, and if you desaturate by 10%, it is **97.8170, -8.7838, 64.1815**.

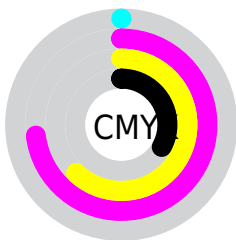
Distribution



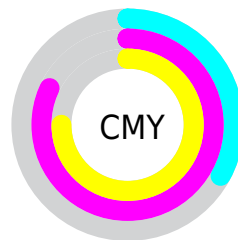
- Red (67%)
- Green (18%)
- Blue (25%)



- Red (67%)
- Yellow (18%)
- Blue (25%)



- Cyan (0%)
- Magenta (73%)
- Yellow (62%)
- Black (33%)



- Cyan (33%)
- Magenta (82%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1280, -10.4161, 74.4327 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 86.1280, -10.4161, 74.4327 by changing the saturation by 10% instead.

86.1280, -10.4161,
74.4327

86.1280, -10.4161,
74.4327

255.0000, 0.0000,
0.0000

53.5180, -5.1854,
76.7217

142.1240,
-14.3581, 78.8213

36.1100, -6.4632,
66.5555

167.7000,
-14.6421, 76.5621

25.1160, -12.3822,
51.6413

187.1000,
-11.3883, 59.5483

17.2710, -7.5286,
34.8423

206.6140, -7.6977,
42.4345

4.7840, -2.3585,
9.8364

226.8290, -3.8597,
24.7060

0.0000, 0.0000,
0.0000

247.1580, 0.4151,

6.8774

■ 86.1280, -10.4161,
74.4327

■ 86.1280, -10.4161,
74.4327

■ 74.4390, -12.0484,
84.6840

■ 97.8170, -8.7838,
64.1815

■ 62.8640, -13.2440,
94.8353

■ 109.3920, -7.5883,
54.0302

■ 53.9790, -14.2866,
102.6274

■ 121.0810, -5.9559,
43.7790

■ 132.6560, -4.7604,
33.6277

■ 144.3450, -3.1281,
23.3764

■ 156.6210, -1.7852,
12.6104

■ 168.1960, -0.5896,
2.4591

■ 179.8850, 1.0427,
-7.7921

■ 191.5740, 2.6750,
-18.0434

Harmonies

Analogous

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



88.7630, 9.9768, 66.8598



86.1280, -10.4161, 74.4327



88.2960, -32.1909, 58.4994

Triad

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



86.1280, -10.4161, 74.4327



72.1160, -19.7772, -50.0907



81.2090, 49.6900, -71.2203

Complementary

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



86.1280, -10.4161, 74.4327



131.8720, 10.4161, -74.4327

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.



83.6250, 38.6389, -73.3391



86.1280, -10.4161, 74.4327



75.2230, 1.3691, -65.9706

Square

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



86.1280, -10.4161, 74.4327



84.4030, -41.6107, -0.3534



80.4670, 21.4618, -70.5696



89.5890, 43.5866, -26.8266

Rectangle

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



86.1280, -10.4161, 74.4327



88.2110, -43.4880, 41.9110



80.4670, 21.4618, -70.5696



82.5140, 47.0746, -72.3648

Sweetspot

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



86.1280, -10.4161, 74.4327



188.4490, -4.1654, 29.4242



92.5310, 38.6852, 52.1543



92.1270, -2.5276, 17.4286



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.



86.1280, -10.4161, 74.4327



89.8990, -16.2192, 115.8526



109.3170, -30.7223, 54.0960



80.8050, -0.8899, 5.4330



47.3580, -12.5015, 90.0170



7.2190, -2.0800, 13.8399

Inverse Universe

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



86.1280, -10.4161, 74.4327



89.8990, -16.2192, 115.8526



108.6830, 30.7223, -54.0960



80.8050, -0.8899, 5.4330



47.3580, -12.5015, 90.0170



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 86.1280, -10.4161, 74.4327 looks on a white background.

Color Contrast Check

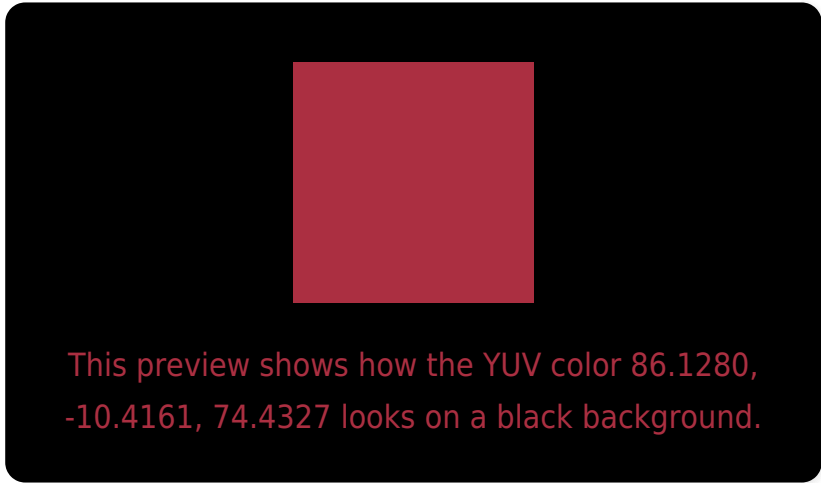
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

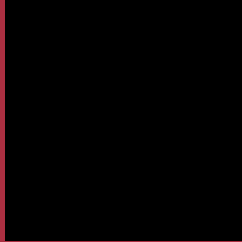
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1280, -10.4161, 74.4327

Background



This preview shows how black text looks on a background with the YUV color 86.1280, -10.4161, 74.4327.



This preview shows how white text looks on a background with the YUV color 86.1280, -10.4161,

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

86.1280, -10.4161, 74.4327

Protanopia

94.1700, -4.5208, 3.3589

Deuteranopia

93.6420, -17.0785, 17.8540



Tritanopia

86.1080, -16.8152, 73.5733

Trichromacy



Original Color

86.1280, -10.4161, 74.4327

Protanomaly

91.4660, -6.6387, 29.4093

Deuteranomaly

90.7570, -14.6702, 38.8011

Tritanomaly

86.0910, -14.3419, 73.5882

Monochromacy



Original Color

86.1280, -10.4161, 74.4327

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1390, -4.0125, 27.0651

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1280, -10.4161, 74.4327 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(171, 47, 65)` looks like.

```
.text, #text, p{  
    color:rgb(171, 47, 65)  
}
```

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(171, 47, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 47, 65) }
```

Border

The CSS property to change the border of an element to YUV 86.1280, -10.4161, 74.4327 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(171, 47, 65) }
```


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

```
.border{ border-color:rgb(171, 47, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 47, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 47, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 47, 65);  
box-shadow:4px 4px 4px 4px rgb(171, 47,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 86.1280, -10.4161, 74.4327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 47, 65) }
```

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

```
.background{ background-color: rgb(171, 47,  
65) }
```

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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