

Converting Colors

YUV(86.0540, -14.8166,
85.8986)

Have a look what the booklet for
YUV(86.0540, -14.8166, 85.8986)
contains.

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Color

**YUV(86.0540, -14.8166,
85.8986)**

Conversions

Conversions Part 1

Format	Color
Hex	B82A38
RGB	184, 42, 56
RGB Percent	72%, 16%, 22%
CMY	0.2784, 0.8353, 0.7804
CMYK	0.00, 0.77, 0.70, 0.28
HSL	354°, 63%, 44%
HSV	354°, 77%, 72%
XYZ	21.3089, 12.1318, 4.9599
YIQ	86.0540, 80.1380, 34.4580

Conversions

Conversions Part 2

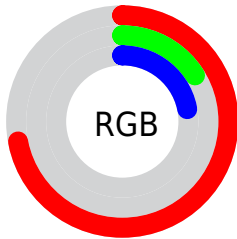
Format	Color
R_{YB}	184, 42, 56
Decimal	12069432
CIE Lab	41.42, 56.23, 27.58
CIE LCh	41, 62.626, 26.129
Yxy	12.1318, 0.5549, 0.3159
Android (android.graphics.Color)	4290259512 (0xFFB82A38)
YUV	86.0540, -14.8166, 85.8986
Hunter-Lab	34.8307, 48.2499, 15.9385

Details

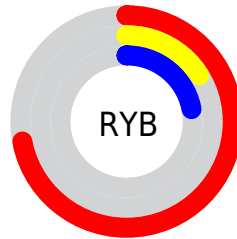
The YUV color **86.0540, -14.8166, 85.8986** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **139.9460, 14.8166, -85.8986**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9960, -20.2110, 89.4575**, and **38.3730, -12.0159, 74.2179** is the 20% darker color. If you saturate the color by 10%, you get **73.5500, -17.0331, 96.8646**, and if you desaturate by 10%, it is **98.5580, -12.6001, 74.9326**.

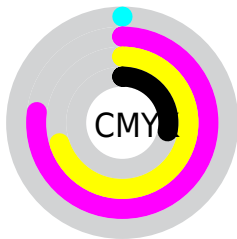
Distribution



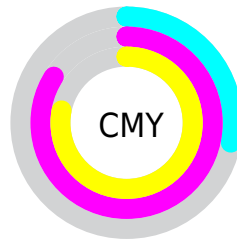
- Red (72%)
- Green (16%)
- Blue (22%)



- Red (72%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (77%)
- Yellow (70%)
- Black (28%)



- Cyan (28%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0540, -14.8166, 85.8986 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 86.0540, -14.8166, 85.8986 by changing the saturation by 10% instead.

■ 86.0540, -14.8166,
85.8986

■ 86.0540, -14.8166,
85.8986

255.0000, 0.0000,
0.0000

■ 49.7370, -7.2653,
90.5617

■ 143.9960,
-20.2110, 89.4575

■ 38.3730, -12.0159,
74.2179

■ 165.9730,
-18.7207, 78.0767

■ 27.8070, -13.7089,
57.1743

■ 185.3730,
-15.4669, 61.0629

■ 19.6630, -8.7079,
39.7605

■ 204.8870,
-11.7763, 43.9491

■ 9.9810, -4.4276,
20.1877

■ 224.9880, -8.3751,
26.3205

■ 0.0000, 0.0000,
0.0000

■ 245.3170, -4.1003,

■ 86.0540, -14.8166,
85.8986

■ 86.0540, -14.8166,
85.8986

■ 73.5500, -17.0331,
96.8646

■ 98.5580, -12.6001,
74.9326

■ 60.5730, -18.5235,
108.2455

■ 111.5350,
-11.1098, 63.5518

■ 57.0680, -19.2605,
111.3194

■ 124.0390, -8.8932,
52.5858

■ 137.0160, -7.4029,
41.2050

■ 149.5200, -5.1864,
30.2390

■ 162.0240, -2.9698,
19.2730

■ 175.0010, -1.4795,
7.8921

■ 187.5050, 0.7370,
-3.0739

■ 200.4820, 2.2274,
-14.4547

Harmonies

Analogous

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



85.6990, 10.5014, 85.3330



86.0540, -14.8166, 85.8986



90.1150, -44.4267, 63.0431

Triad

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



86.0540, -14.8166, 85.8986



71.9680, -18.7182, -63.1159



85.1360, 57.1210, -74.6643

Complementary

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



86.0540, -14.8166, 85.8986



139.9460, 14.8166, -85.8986

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.



88.9540, 46.3647, -78.0127



86.0540, -14.8166, 85.8986



79.9990, 4.4375, -70.1591

Square

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



86.0540, -14.8166, 85.8986



85.8210, -42.3098, -9.4900



86.6280, 27.2984, -75.9728



95.5670, 47.0485, -17.1603

Rectangle

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



86.0540, -14.8166, 85.8986



92.3310, -45.5192, 40.0517



86.6280, 27.2984, -75.9728



87.7290, 54.3636, -76.9383

Sweetspot

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



86.0540, -14.8166, 85.8986



202.0150, -5.9234, 33.3128



96.4600, 43.1572, 64.4946



96.6220, -3.2646, 20.5025



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



86.0540, -14.8166, 85.8986



86.1850, -23.2622, 134.8958



117.9170, -37.4271, 57.9548



85.8050, -0.8899, 5.4330



48.3540, -16.4435, 94.4055



8.7140, -2.8170, 16.9138

Inverse Universe

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



86.0540, -14.8166, 85.8986



86.1850, -23.2622, 134.8958



108.0830, 37.4271, -57.9548



85.8050, -0.8899, 5.4330



48.3540, -16.4435, 94.4055



8.7140, -2.8170, 16.9138

Previews

White Background



This preview shows how the YUV color 86.0540, -14.8166, 85.8986 looks on a white background.

Color Contrast Check

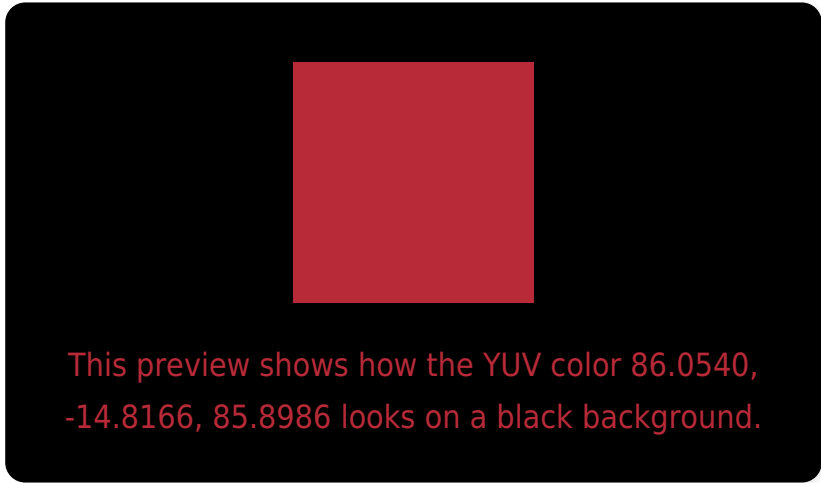
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.0540, -14.8166, 85.8986

Background



This preview shows how black text looks on a background with the YUV color 86.0540, -14.8166, 85.8986.

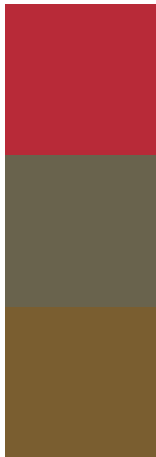


This preview shows how white text looks on a background with the YUV color 86.0540, -14.8166,

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

86.0540, -14.8166, 85.8986

Protanopia

98.2860, -10.4940, 5.8882

Deuteranopia

97.1280, -24.2201, 21.8127



Tritanopia

85.9740, -20.2002, 85.9688

Trichromacy



Original Color

86.0540, -14.8166, 85.8986

Protanomaly

93.7180, -12.1860, 35.3273

Deuteranomaly

93.1940, -20.8016, 45.4339

Tritanomaly

85.8430, -18.1636, 86.0837

Monochromacy



Original Color

86.0540, -14.8166, 85.8986

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1180, -5.4812, 31.4685

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0540, -14.8166, 85.8986 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(184, 42, 56)` looks like.

```
.text, #text, p{  
    color:rgb(184, 42, 56)  
}
```

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(184, 42, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 42, 56) }
```

Border

The CSS property to change the border of an element to YUV 86.0540, -14.8166, 85.8986 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(184, 42, 56) }
```


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

```
.border{ border-color:rgb(184, 42, 56) }
```

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

Here you see how a box with a 4 pixel rgb(184, 42, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 42, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 42, 56);  
box-shadow:4px 4px 4px 4px rgb(184, 42,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 86.0540, -14.8166, 85.8986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 42, 56) }
```

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

```
.background{ background-color: rgb(184, 42,  
56) }
```

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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