

Converting Colors

YUV(113.7000, -18.0931,
63.4071)

Have a look what the booklet for
YUV(113.7000, -18.0931, 63.4071)
contains.

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Color

**YUV(113.7000, -18.0931,
63.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	BA544D
RGB	186, 84, 77
RGB Percent	73%, 33%, 30%
CMY	0.2706, 0.6706, 0.6980
CMYK	0.00, 0.55, 0.59, 0.27
HSL	4°, 44%, 52%
HSV	4°, 59%, 73%
XYZ	24.7596, 17.3156, 9.0584
YIQ	113.7000, 63.0390, 19.4470

Conversions

Conversions Part 2

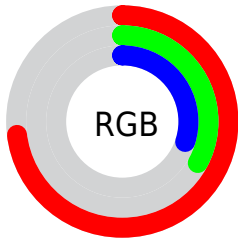
Format	Color
RYB	186, 84, 77
Decimal	12211277
CIELab	48.66, 40.64, 24.17
CIElCh	49, 47.284, 30.735
Yxy	17.3156, 0.4842, 0.3386
Android (android.graphics.Color)	4290401357 (0xFFBA544D)
YUV	113.7000, -18.0931, 63.4071
Hunter-Lab	41.6120, 33.3884, 16.2216

Details

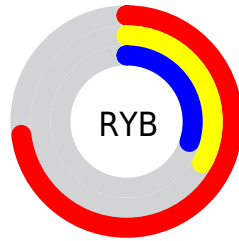
The YUV color **113.7000, -18.0931, 63.4071** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **149.3000, 18.0931, -63.4071**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7500, -20.5828, 68.6252**, and **60.8180, -13.7143, 58.9186** is the 20% darker color. If you saturate the color by 10%, you get **101.5550, -21.4726, 74.0583**, and if you desaturate by 10%, it is **125.8450, -14.7136, 52.7559**.

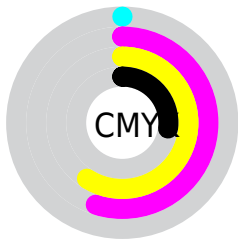
Distribution



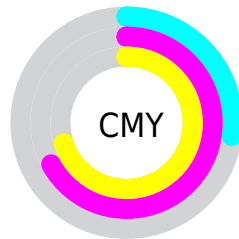
- Red (73%)
- Green (33%)
- Blue (30%)



- Red (73%)
- Yellow (33%)
- Blue (30%)



- Cyan (0%)
- Magenta (55%)
- Yellow (59%)
- Black (27%)



- Cyan (27%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.7000, -18.0931, 63.4071 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 113.7000, -18.0931, 63.4071 by changing the saturation by 10% instead.

■ 113.7000,
-18.0931, 63.4071

■ 113.7000,
-18.0931, 63.4071

■ 255.0000, 0.0000,
0.0000

■ 87.1450, -16.3405,
61.2628

■ 167.7500,
-20.5828, 68.6252

■ 60.8180, -13.7143,
58.9186

■ 189.8410,
-18.6556, 57.1444

■ 30.8550, -9.7885,
59.7632

■ 208.7680,
-14.6756, 40.5455

■ 21.2290, -10.4659,
43.6492

■ 228.8690,
-11.2744, 22.9169

■ 13.9820, -5.9071,
28.0798

■ 249.1980, -6.9996,
5.0884

■ 0.0000, 0.0000,
0.0000

■ 113.7000,
-18.0931, 63.4071

■ 113.7000,
-18.0931, 63.4071

■ 101.5550,
-21.4726, 74.0583

■ 125.8450,
-14.7136, 52.7559

■ 88.9370, -24.1259,
85.1243

■ 138.4630,
-12.0603, 41.6899

■ 76.7920, -27.5055,
95.7754

■ 150.6080, -8.6807,
31.0388

■ 64.1740, -30.1588,
106.8414

■ 163.2260, -6.0274,
19.9728

■ 62.6580, -30.8904,
108.1709

■ 175.3710, -2.6479,
9.3216

■ 187.5160, 0.7316,
-1.3295

■ 200.1340, 3.3849,
-12.3955

■ 212.2790, 6.7645,

-23.0467

■ 224.8970, 9.4178,
-34.1127

Harmonies

Analogous

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



115.5100, 0.2416, 62.6967



113.7000, -18.0931, 63.4071



113.1760, -33.6108, 47.2036

Triad

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



113.7000, -18.0931, 63.4071



96.4990, -10.5990, -53.9346



92.7840, 50.8855, -81.3716

Complementary

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



113.7000, -18.0931, 63.4071



149.3000, 18.0931, -63.4071

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.



97.4000, 43.1868, -85.4198



113.7000, -18.0931, 63.4071



92.3550, 11.1640, -80.9953

Square

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



113.7000, -18.0931, 63.4071



106.8670, -31.9794, -9.5304



96.3280, 28.9253, -84.4797



117.7080, 33.1750, -0.6209

Rectangle

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



113.7000, -18.0931, 63.4071



111.4700, -39.6717, 31.1598



96.3280, 28.9253, -84.4797



94.9040, 48.8543, -83.2308

Sweetspot

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



113.7000, -18.0931, 63.4071



213.0310, -6.9173, 25.4058



121.4470, 29.3596, 56.6130



104.2470, -4.5588, 15.5694



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



113.7000, -18.0931, 63.4071



129.9880, -28.0951, 98.2345



144.8110, -33.4308, 36.1228



85.6910, -1.3267, 5.5330



52.5140, -25.8894, 90.7572



9.5460, -4.7062, 16.1842

Inverse Universe

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



149.3000, 18.0931, -63.4071



185.0120, 28.0951, -98.2345



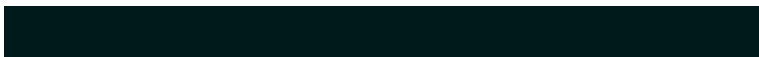
118.1890, 33.4308, -36.1228



88.7220, 1.6161, -5.0182



103.4860, 25.8894, -90.7572



18.4540, 4.7062, -16.1842

Previews

White Background



This preview shows how the YUV color 113.7000, -18.0931, 63.4071 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 113.7000, -18.0931, 63.4071 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 113.7000, -18.0931, 63.4071

Background



This preview shows how black text looks on a background with the YUV color 113.7000, -18.0931, 63.4071.



This preview shows how white text looks on a background with the YUV color 113.7000, -18.0931,

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

113.7000, -18.0931, 63.4071

Protanopia

115.5420, -12.0992, 7.4177

Deuteranopia

115.2250, -21.3099, 21.7277



Tritanopia

114.0790, -12.8569, 63.9517

Trichromacy



Original Color

113.7000, -18.0931, 63.4071

Protanomaly

114.8050, -14.2009, 28.2350

Deuteranomaly

114.6660, -20.0483, 37.1269

Tritanomaly

114.2100, -14.8935, 63.8368

Monochromacy



Original Color

113.7000, -18.0931, 63.4071

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8350, -6.3277, 22.9467

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7000, -18.0931, 63.4071 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(186, 84, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 84, 77)  
}
```

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(186, 84, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 84, 77) }
```

Border

The CSS property to change the border of an element to YUV 113.7000, -18.0931, 63.4071 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(186, 84, 77) }
```


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

```
.border{ border-color:rgb(186, 84, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 84, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 84, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 84, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 84,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 113.7000, -18.0931, 63.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 84, 77) }
```

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

```
.background{ background-color: rgb(186, 84,  
77) }
```

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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