

Converting Colors

YUV(86.9420, -18.2124,
101.7829)

Have a look what the booklet for
YUV(86.9420, -18.2124, 101.7829)
contains.

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Color

**YUV(86.9420, -18.2124,
101.7829)**

Conversions

Conversions Part 1

Format	Color
Hex	CB2332
RGB	203, 35, 50
RGB Percent	80%, 14%, 20%
CMY	0.2039, 0.8627, 0.8039
CMYK	0.00, 0.83, 0.75, 0.20
HSL	355°, 71%, 47%
HSV	355°, 83%, 80%
XYZ	25.8054, 14.1289, 4.3847
YIQ	86.9420, 95.3130, 40.2810

Conversions

Conversions Part 2

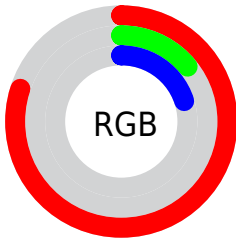
Format	Color
RYB	203, 35, 50
Decimal	13312818
CIELab	44.42, 63.34, 35.62
CIELCh	44, 72.670, 29.347
Yxy	14.1289, 0.5823, 0.3188
Android (android.graphics.Color)	4291502898 (0xFFFCB2332)
YUV	86.9420, -18.2124, 101.7829
Hunter-Lab	37.5884, 56.7650, 19.3957

Details

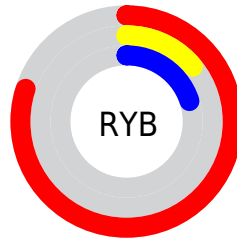
The YUV color **86.9420, -18.2124, 101.7829** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **151.0580, 18.2124, -101.7829**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4160, -23.8691, 96.1052**, and **42.5440, -18.0162, 85.4689** is the 20% darker color. If you saturate the color by 10%, you get **73.1500, -20.2869, 113.8785**, and if you desaturate by 10%, it is **100.7340, -16.1379, 89.6873**.

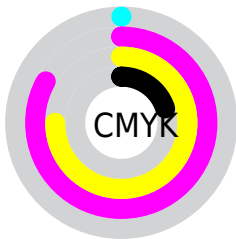
Distribution



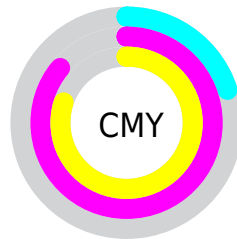
- Red (80%)
- Green (14%)
- Blue (20%)



- Red (80%)
- Yellow (14%)
- Blue (20%)



- Cyan (0%)
- Magenta (83%)
- Yellow (75%)
- Black (20%)





- Cyan (20%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.9420, -18.2124, 101.7829 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 86.9420, -18.2124, 101.7829 by changing the saturation by 10% instead.


 86.9420, -18.2124,
101.7829


 86.9420, -18.2124,
101.7829


255.0000, 0.0000,
0.0000

 54.4350, -12.5395,
102.2275


 145.4160,
-23.8691, 96.1052


 42.5440, -18.0162,
85.4689


 164.7020,
-21.0521, 79.1913


 32.5910, -16.0674,
67.0107

 184.5750,
-18.5245, 61.7627

 23.8490, -10.7716,
48.3674

 204.6760,
-15.1233, 44.1341

 14.8790, -6.3493,
29.9241

 224.8910,
-11.2853, 26.4056

 0.0000, 0.0000,
0.0000

 245.6930, -7.7366,

8.1622

■ 86.9420, -18.2124,
101.7829

■ 86.9420, -18.2124,
101.7829

■ 73.1500, -20.2869,
113.8785

■ 100.7340,
-16.1379, 89.6873

■ 62.7490, -22.0613,
123.0001

■ 115.2270,
-13.9159, 76.9769

■ 129.0190,
-11.8414, 64.8813

■ 142.9250, -9.3300,
52.6858

■ 157.3040, -7.5449,
40.0754

■ 171.2100, -5.0335,
27.8798

■ 185.0020, -2.9590,
15.7842

■ 198.9080, -0.4476,
3.5887

■ 213.2870, 1.3375,
-9.0217

Harmonies

Analogous

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



74.0200, 17.2451, 115.7465



86.9420, -18.2124, 101.7829



96.9370, -47.7899, 68.4613

Triad

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



86.9420, -18.2124, 101.7829



78.0660, -20.7385, -68.4639



92.9100, 66.5994, -81.4821

Complementary

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



86.9420, -18.2124, 101.7829



151.0580, 18.2124, -101.7829

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.



97.9020, 55.2643, -85.8601



86.9420, -18.2124, 101.7829



87.9380, 6.9326, -77.1216

Square

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



86.9420, -18.2124, 101.7829



89.5980, -44.1718, -18.9414



94.8920, 33.5772, -83.2203



103.3210, 53.5787, -11.6825

Rectangle

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



86.9420, -18.2124, 101.7829



99.4190, -49.0136, 40.8515



94.8920, 33.5772, -83.2203



95.5030, 63.8420, -83.7561

Sweetspot

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



86.9420, -18.2124, 101.7829



210.8200, -6.8133, 38.7459



99.3010, 51.1236, 76.0350



101.1170, -4.0017, 23.5764



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



86.9420, -18.2124, 101.7829



80.8560, -27.5370, 152.7243



124.5610, -44.1536, 68.7910



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.7040, -4.2911, 23.0616

Inverse Universe

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



86.9420, -18.2124, 101.7829



80.8560, -27.5370, 152.7243



113.4390, 44.1536, -68.7910



95.1040, -1.0373, 6.0478



51.3440, -17.9176, 100.5533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 86.9420, -18.2124, 101.7829 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 86.9420, -18.2124, 101.7829

Background



This preview shows how black text looks on a background with the YUV color 86.9420, -18.2124, 101.7829.



This preview shows how white text looks on a background with the YUV color 86.9420, -18.2124,

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

86.9420, -18.2124, 101.7829

Protanopia

104.8150, -16.1778, 8.9322

Deuteranopia

103.2010, -31.6511, 25.2567



Tritanopia

86.6340, -24.4696, 102.0530

Trichromacy



Original Color

86.9420, -18.2124, 101.7829

Protanomaly

98.2090, -16.8650, 42.7897

Deuteranomaly

97.3430, -26.7911, 53.1962

Tritanomaly

86.6170, -21.9962, 102.0679

Monochromacy



Original Color

86.9420, -18.2124, 101.7829

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9230, -6.3710, 36.9015

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9420, -18.2124, 101.7829 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(203, 35, 50)` looks like.

```
.text, #text, p{  
    color:rgb(203, 35, 50)  
}
```

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(203, 35, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 35, 50) }
```

Border

The CSS property to change the border of an element to YUV 86.9420, -18.2124, 101.7829 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(203, 35, 50) }
```


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

```
.border{ border-color:rgb(203, 35, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 35, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 35, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 35, 50);  
box-shadow:4px 4px 4px 4px rgb(203, 35,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 86.9420, -18.2124, 101.7829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 35, 50) }
```

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

```
.background{ background-color: rgb(203, 35,  
50) }
```

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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