

Converting Colors

YUV(98.8520, -15.2100,
72.0438)

Have a look what the booklet for
YUV(98.8520, -15.2100, 72.0438)
contains.

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Color

**YUV(98.8520, -15.2100,
72.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	B53F44
RGB	181, 63, 68
RGB Percent	71%, 25%, 27%
CMY	0.2902, 0.7529, 0.7333
CMYK	0.00, 0.65, 0.62, 0.29
HSL	357°, 48%, 48%
HSV	357°, 65%, 71%
XYZ	21.8770, 13.7961, 6.9787
YIQ	98.8520, 68.7230, 26.5710

Conversions

Conversions Part 2

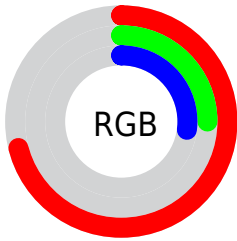
Format	Color
R _Y B	181, 63, 68
Decimal	11878212
CIE Lab	43.94, 48.06, 23.30
CIE LCh	44, 53.415, 25.867
Yxy	13.7961, 0.5129, 0.3235
Android (android.graphics.Color)	4290068292 (0xFFB53F44)
YUV	98.8520, -15.2100, 72.0438
Hunter-Lab	37.1431, 40.1343, 14.8604

Details

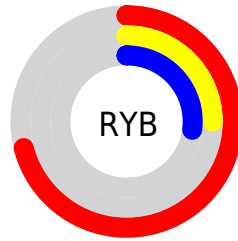
The YUV color **98.8520, -15.2100, 72.0438** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **145.1480, 15.2100, -72.0438**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.2610, -18.8627, 76.9471**, and **39.3280, -7.0637, 72.5033** is the 20% darker color. If you saturate the color by 10%, you get **86.3480, -17.4266, 83.0098**, and if you desaturate by 10%, it is **111.3560, -12.9935, 61.0778**.

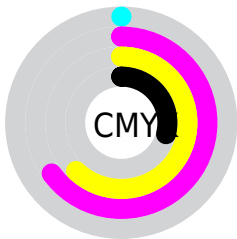
Distribution



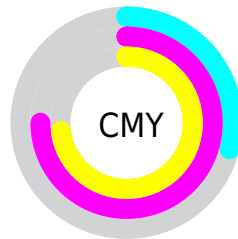
- Red (71%)
- Green (25%)
- Blue (27%)



- Red (71%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (65%)
- Yellow (62%)
- Black (29%)



- Cyan (29%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8520, -15.2100, 72.0438 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 98.8520, -15.2100, 72.0438 by changing the saturation by 10% instead.

■ 98.8520, -15.2100,
72.0438

■ 98.8520, -15.2100,
72.0438

255.0000, 0.0000,
0.0000

■ 70.9380, -12.2944,
70.2144

■ 154.2610,
-18.8627, 76.9471

■ 39.3280, -7.0637,
72.5033

■ 176.9610,
-17.2358, 68.4402

■ 27.8070, -13.7089,
57.1743

■ 195.7740,
-13.6926, 51.9412

■ 19.4350, -9.5815,
39.9605

■ 215.8750,
-10.2914, 34.3126

■ 10.8780, -4.8699,
22.0320

■ 235.5030, -6.1640,
17.0989

■ 0.0000, 0.0000,
0.0000

254.6580, -1.3104,

0.2999

■ 98.8520, -15.2100,
72.0438

■ 98.8520, -15.2100,
72.0438

■ 86.3480, -17.4266,
83.0098

■ 111.3560,
-12.9935, 61.0778

■ 73.7300, -20.0799,
94.0758

■ 123.9740,
-10.3402, 50.0118

■ 61.2260, -22.2964,
105.0418

■ 136.4780, -8.1237,
39.0458

■ 55.0310, -23.1863,
110.4748

■ 148.9820, -5.9071,
28.0798

■ 162.1870, -3.5432,
16.4990

■ 174.6910, -1.3267,
5.5330

■ 187.1950, 0.8899,
-5.4330

■ 199.8130, 3.5432,
-16.4990

■ 212.3170, 5.7597,
-27.4650

Harmonies

Analogous

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



100.3350, 5.7508, 68.9892



98.8520, -15.2100, 72.0438



100.0630, -35.5271, 55.1957

Triad

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



98.8520, -15.2100, 72.0438



79.2440, -13.9243, -60.7270



87.1590, 52.1796, -76.4384

Complementary

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



98.8520, -15.2100, 72.0438



145.1480, 15.2100, -72.0438

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.



90.6180, 42.5863, -79.4720



98.8520, -15.2100, 72.0438



83.7320, 6.0481, -73.4330

Square

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



98.8520, -15.2100, 72.0438



93.2130, -43.4890, -4.5718



88.8620, 25.7040, -77.9320



103.6510, 39.6121, -11.9719

Rectangle

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



98.8520, -15.2100, 72.0438



97.6360, -48.1345, 38.9072



88.8620, 25.7040, -77.9320



89.1650, 49.7117, -78.1977

Sweetspot

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



98.8520, -15.2100, 72.0438



202.2810, -6.0545, 28.6946



109.9400, 35.0326, 57.0576



97.4860, -3.6906, 17.1138



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



98.8520, -15.2100, 72.0438



107.5150, -23.9179, 111.8043



129.3930, -32.7317, 45.2593



82.8050, -0.8899, 5.4330



46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Inverse Universe

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



98.8520, -15.2100, 72.0438



107.5150, -23.9179, 111.8043



114.6070, 32.7317, -45.2593



82.8050, -0.8899, 5.4330



46.4310, -19.9325, 93.4610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 98.8520, -15.2100, 72.0438 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 98.8520, -15.2100, 72.0438 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 98.8520, -15.2100, 72.0438

Background



This preview shows how black text looks on a background with the YUV color 98.8520, -15.2100, 72.0438.



This preview shows how white text looks on a background with the YUV color 98.8520, -15.2100,

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

98.8520, -15.2100, 72.0438

Protanopia

103.9270, -9.3310, 6.2030

Deuteranopia

103.7410, -20.5783, 20.3981



Tritanopia

98.7380, -15.6468, 72.1438

Trichromacy



Original Color

98.8520, -15.2100, 72.0438

Protanomaly

101.9130, -11.2961, 29.8943

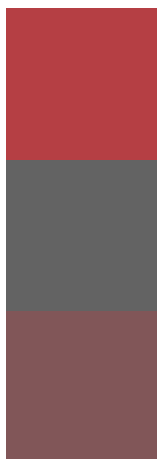
Deuteranomaly

102.3180, -18.8908, 39.1861

Tritanomaly

98.7380, -15.6468, 72.1438

Monochromacy



Original Color

98.8520, -15.2100, 72.0438

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0850, -5.4649, 26.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8520, -15.2100, 72.0438 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(181, 63, 68)` looks like.

```
.text, #text, p{  
    color:rgb(181, 63, 68)  
}
```

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(181, 63, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 63, 68) }
```

Border

The CSS property to change the border of an element to YUV 98.8520, -15.2100, 72.0438 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(181, 63, 68) }
```


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

```
.border{ border-color:rgb(181, 63, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 63, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 63, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 63, 68);  
box-shadow:4px 4px 4px 4px rgb(181, 63,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 98.8520, -15.2100, 72.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 63, 68) }
```

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

```
.background{ background-color: rgb(181, 63,  
68) }
```

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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