

Converting Colors

YUV(91.1050, -18.7858,
99.0089)

Have a look what the booklet for
YUV(91.1050, -18.7858, 99.0089)
contains.

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Color

**YUV(91.1050, -18.7858,
99.0089)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2935
RGB	204, 41, 53
RGB Percent	80%, 16%, 21%
CMY	0.2000, 0.8392, 0.7922
CMYK	0.00, 0.80, 0.74, 0.20
HSL	356°, 67%, 48%
HSV	356°, 80%, 80%
XYZ	26.3374, 14.6803, 4.8136
YIQ	91.1050, 93.2960, 38.2880

Conversions

Conversions Part 2

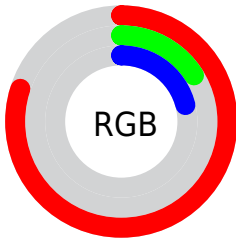
Format	Color
RYB	204, 41, 53
Decimal	13379893
CIELab	45.19, 62.21, 34.79
CIElCh	45, 71.275, 29.214
Yxy	14.6803, 0.5747, 0.3203
Android (android.graphics.Color)	4291569973 (0xFFCC2935)
YUV	91.1050, -18.7858, 99.0089
Hunter-Lab	38.3149, 55.6487, 19.3716

Details

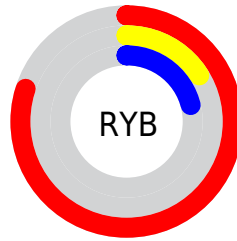
The YUV color **91.1050, -18.7858, 99.0089** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.8950, 18.7858, -99.0089**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5190, -23.4269, 94.2608**, and **43.2990, -16.4164, 85.6838** is the 20% darker color. If you saturate the color by 10%, you get **77.1990, -21.2971, 111.2045**, and if you desaturate by 10%, it is **105.0110, -16.2744, 86.8134**.

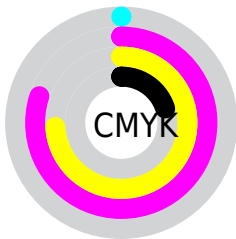
Distribution



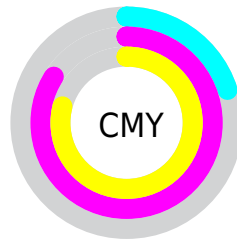
- Red (80%)
- Green (16%)
- Blue (21%)



- Red (80%)
- Yellow (16%)
- Blue (21%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (20%)



- Cyan (20%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.1050, -18.7858, 99.0089 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 91.1050, -18.7858, 99.0089 by changing the saturation by 10% instead.

■ 91.1050, -18.7858,
99.0089

■ 91.1050, -18.7858,
99.0089

255.0000, 0.0000,
0.0000

■ 54.9620, -11.8133,
102.6423

■ 147.5190,
-23.4269, 94.2608

■ 43.2990, -16.4164,
85.6838

■ 167.3920,
-20.8993, 76.8322

■ 33.1890, -16.3622,
68.2402

■ 186.7920,
-17.6455, 59.8184

■ 24.0340, -11.3558,
49.0822

■ 206.8930,
-14.2442, 42.1898

■ 15.4770, -6.6442,
31.1537

■ 226.9940,
-10.8430, 24.5613

■ 0.0000, 0.0000,
0.0000

■ 247.7960, -7.2944,

6.3179

■ 91.1050, -18.7858,
99.0089

■ 91.1050, -18.7858,
99.0089

■ 77.1990, -21.2971,
111.2045

■ 105.0110,
-16.2744, 86.8134

■ 62.7060, -23.5191,
123.9148

■ 119.5040,
-14.0525, 74.1030

■ 133.4100,
-11.5411, 61.9074

■ 147.9030, -9.3192,
49.1971

■ 161.6950, -7.2446,
37.1015

■ 175.6010, -4.7333,
24.9059

■ 190.0940, -2.5113,
12.1956

■ 204.0000, 0.0000,
0.0000

■ 218.4930, 2.2220,
-12.7104

Harmonies

Analogous

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



83.6400, 13.4885, 107.3097



91.1050, -18.7858, 99.0089



98.4100, -48.5161, 68.0464

Triad

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



91.1050, -18.7858, 99.0089



79.6960, -19.5701, -69.8934



93.4970, 66.3100, -81.9969

Complementary

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



91.1050, -18.7858, 99.0089



153.8950, 18.7858, -99.0089

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.



99.0760, 54.6855, -86.8897



91.1050, -18.7858, 99.0089



89.3400, 7.2274, -78.3512

Square

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



91.1050, -18.7858, 99.0089



91.9680, -45.3402, -17.5119



96.1800, 33.4353, -84.3499



105.9790, 52.2684, -11.3826

Rectangle

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



91.1050, -18.7858, 99.0089



101.1910, -49.8872, 41.0515



96.1800, 33.4353, -84.3499



96.6770, 63.2632, -84.7857

Sweetspot

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



91.1050, -18.7858, 99.0089



212.6950, -7.2446, 37.1015



104.1330, 49.2344, 75.3054



102.2910, -4.5805, 22.5468



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.



91.1050, -18.7858, 99.0089



85.3070, -28.2524, 148.8208



129.6530, -43.7059, 65.2023



95.1040, -1.0373, 6.0478



51.0020, -19.2280, 100.8532



11.7040, -4.2911, 23.0616

Inverse Universe

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



91.1050, -18.7858, 99.0089



85.3070, -28.2524, 148.8208



115.3470, 43.7059, -65.2023



95.1040, -1.0373, 6.0478



51.0020, -19.2280, 100.8532



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 91.1050, -18.7858, 99.0089 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 91.1050, -18.7858, 99.0089 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 91.1050, -18.7858, 99.0089

Background



This preview shows how black text looks on a background with the YUV color 91.1050, -18.7858, 99.0089.



This preview shows how white text looks on a background with the YUV color 91.1050, -18.7858,

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

91.1050, -18.7858, 99.0089

Protanopia

106.9290, -15.7410, 8.8323

Deuteranopia

105.4290, -30.7775, 25.0568



Tritanopia

91.1390, -23.7325, 98.9791

Trichromacy



Original Color

91.1050, -18.7858, 99.0089

Protanomaly

101.4970, -17.0070, 41.6601

Deuteranomaly

99.8590, -26.0595, 51.8667

Tritanomaly

91.0080, -21.6959, 99.0940

Monochromacy



Original Color

91.1050, -18.7858, 99.0089

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0970, -6.9498, 35.8719

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.1050, -18.7858, 99.0089 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(204, 41, 53)` looks like.

```
.text, #text, p{  
    color:rgb(204, 41, 53)  
}
```

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(204, 41, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 41, 53) }
```

Border

The CSS property to change the border of an element to YUV 91.1050, -18.7858, 99.0089 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(204, 41, 53) }
```


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

```
.border{ border-color:rgb(204, 41, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 41, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 41, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 41, 53);  
box-shadow:4px 4px 4px 4px rgb(204, 41,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 91.1050, -18.7858, 99.0089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 41, 53) }
```

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

```
.background{ background-color: rgb(204, 41,  
53) }
```

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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