

Converting Colors

YUV(89.1440, -21.2700,
102.4827)

Have a look what the booklet for
YUV(89.1440, -21.2700, 102.4827)
contains.

YUV(89.1440, -21.2700, 102.4827)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.1440, -21.2700,
102.4827)**

Conversions

Conversions Part 1

Format	Color
Hex	CE262E
RGB	206, 38, 46
RGB Percent	81%, 15%, 18%
CMY	0.1922, 0.8510, 0.8196
CMYK	0.00, 0.82, 0.78, 0.19
HSL	357°, 69%, 48%
HSV	357°, 82%, 81%
XYZ	26.6399, 14.7053, 4.0191
YIQ	89.1440, 97.5600, 38.1040

Conversions

Conversions Part 2

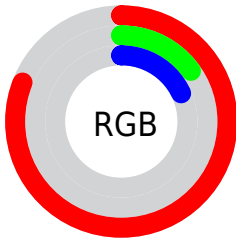
Format	Color
R_{YB}	206, 38, 46
Decimal	13510190
CIE _{Lab}	45.23, 63.30, 38.97
CIE _{LCh}	45, 74.338, 31.619
Yxy	14.7053, 0.5872, 0.3242
Android (android.graphics.Color)	4291700270 (0xFFCE262E)
YUV	89.1440, -21.2700, 102.4827
Hunter-Lab	38.3475, 56.8952, 20.6292

Details

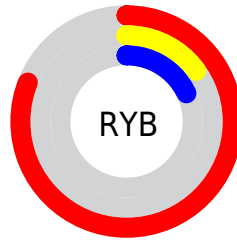
The YUV color **89.1440, -21.2700, 102.4827** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.8560, 21.2700, -102.4827**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1340, -26.1951, 95.4755**, and **42.7570, -21.0792, 87.9131** is the 20% darker color. If you saturate the color by 10%, you get **74.5370, -23.9287, 115.2931**, and if you desaturate by 10%, it is **103.7510, -18.6112, 89.6724**.

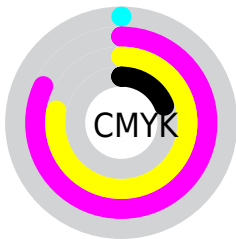
Distribution



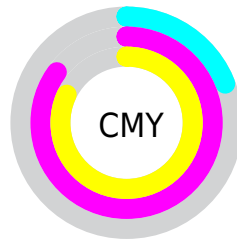
- Red (81%)
- Green (15%)
- Blue (18%)



- Red (81%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (78%)
- Black (19%)





- Cyan (19%)
- Magenta (85%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.1440, -21.2700, 102.4827 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 89.1440, -21.2700, 102.4827 by changing the saturation by 10% instead.


 89.1440, -21.2700,
102.4827

 89.1440, -21.2700,
102.4827


255.0000, 0.0000,
0.0000


 54.8760, -14.7289,
104.4717


 146.1340,
-26.1951, 95.4755


 42.7570, -21.0792,
87.9131


 165.3060,
-23.8149, 78.6616


 33.4880, -16.5096,
68.8550

 185.2930,
-20.8504, 61.1330

 24.3330, -11.5032,
49.6970

 205.3940,
-17.4492, 43.5045

 15.7760, -6.7916,
31.7684

 225.4950,
-14.0480, 25.8759

 0.0000, 0.0000,
0.0000

 246.2970,

-10.4994, 7.6325

254.8860, -0.4368,
0.1000

■ 89.1440, -21.2700,
102.4827

■ 89.1440, -21.2700,
102.4827

■ 74.5370, -23.9287,
115.2931

■ 103.7510,
-18.6112, 89.6724

■ 62.7340, -25.9979,
125.6443

■ 117.6570,
-16.0999, 77.4768

■ 132.2640,
-13.4412, 64.6665

■ 146.1700,
-10.9298, 52.4709

■ 160.7770, -8.2711,
39.6606

■ 175.3840, -5.6123,
26.8502

■ 189.2900, -3.1010,
14.6547

■ 203.8970, -0.4422,
1.8443

■ 217.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



75.2870, 15.6345, 119.0203



89.1440, -21.2700, 102.4827



98.6980, -48.6581, 66.9169

Triad

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



89.1440, -21.2700, 102.4827



80.5110, -18.9859, -70.6081



94.0670, 68.4940, -82.4968

Complementary

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



89.1440, -21.2700, 102.4827



154.8560, 21.2700, -102.4827

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.



99.8740, 57.7431, -87.5895



89.1440, -21.2700, 102.4827



90.4970, 9.1220, -79.3659

Square

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



89.1440, -21.2700, 102.4827



89.8640, -44.3030, -23.5597



97.5650, 36.2035, -85.5645



106.5500, 52.9729, -3.9903

Rectangle

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



89.1440, -21.2700, 102.4827



100.8810, -49.7343, 38.6924



97.5650, 36.2035, -85.5645



96.8880, 66.6102, -84.9708

Sweetspot

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



89.1440, -21.2700, 102.4827



212.5810, -7.6814, 37.2015



104.9920, 49.7969, 81.5680



102.1770, -5.0173, 22.6468



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.



89.1440, -21.2700, 102.4827



81.1180, -31.6102, 152.4945



132.8440, -46.7581, 64.1578



94.9900, -1.4741, 6.1478



50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616

Inverse Universe

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



89.1440, -21.2700, 102.4827



81.1180, -31.6102, 152.4945



111.1560, 46.7581, -64.1578



94.9900, -1.4741, 6.1478



50.5460, -20.9752, 101.2532



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 89.1440, -21.2700, 102.4827 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 89.1440, -21.2700, 102.4827

Background



This preview shows how black text looks on a background with the YUV color 89.1440, -21.2700, 102.4827.



This preview shows how white text looks on a background with the YUV color 89.1440, -21.2700,

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

89.1440, -21.2700, 102.4827

Protanopia

106.2020, -19.8196, 10.3468

Deuteranopia

104.7020, -34.8561, 26.5713



Tritanopia

88.9330, -24.6170, 102.6678

Trichromacy



Original Color

89.1440, -21.2700, 102.4827

Protanomaly

100.2970, -20.3594, 43.5895

Deuteranomaly

98.8440, -29.9961, 54.5108

Tritanomaly

89.2750, -23.3066, 102.3678

Monochromacy



Original Color

89.1440, -21.2700, 102.4827

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8800, -7.8288, 37.8162

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1440, -21.2700, 102.4827 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(206, 38, 46)` looks like.

```
.text, #text, p{  
    color:rgb(206, 38, 46)  
}
```

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(206, 38, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 38, 46) }
```

Border

The CSS property to change the border of an element to YUV 89.1440, -21.2700, 102.4827 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(206, 38, 46) }
```


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

```
.border{ border-color:rgb(206, 38, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 38, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 38, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 38, 46);  
box-shadow:4px 4px 4px 4px rgb(206, 38,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 89.1440, -21.2700, 102.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 38, 46) }
```

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

```
.background{ background-color: rgb(206, 38,  
46) }
```

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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