

Converting Colors

YUV(81.0100, -21.2039,
128.0332)

Have a look what the booklet for
YUV(81.0100, -21.2039, 128.0332)
contains.

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Color

**YUV(81.0100, -21.2039,
128.0332)**

Conversions

Conversions Part 1

Format	Color
Hex	E30F26
RGB	227, 15, 38
RGB Percent	89%, 6%, 15%
CMY	0.1098, 0.9412, 0.8510
CMYK	0.00, 0.93, 0.83, 0.11
HSL	353°, 88%, 47%
HSV	353°, 93%, 89%
XYZ	32.1992, 16.8125, 3.3818
YIQ	81.0100, 118.9690, 52.0970

Conversions

Conversions Part 2

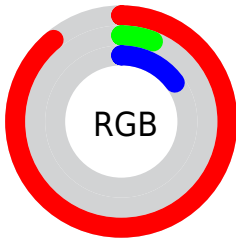
Format	Color
R_{YB}	227, 15, 38
Decimal	14880550
CIE Lab	48.02, 72.60, 47.52
CIE LCh	48, 86.764, 33.207
Yxy	16.8125, 0.6146, 0.3209
Android (android.graphics.Color)	4293070630 (0xFFE30F26)
YUV	81.0100, -21.2039, 128.0332
Hunter-Lab	41.0030, 68.4188, 23.8121

Details

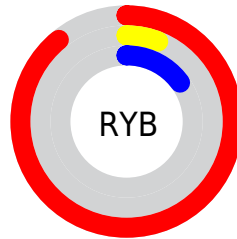
The YUV color **81.0100, -21.2039, 128.0332** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **160.9900, 21.2039, -128.0332**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1130, -27.6637, 99.8789**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **70.7230, -22.5414, 137.0549**, and if you desaturate by 10%, it is **96.7910, -19.1240, 114.1933**.

Distribution



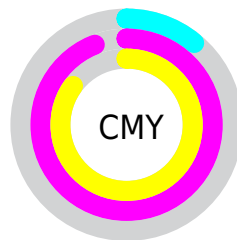
- Red (89%)
- Green (6%)
- Blue (15%)



- Red (89%)
- Yellow (6%)
- Blue (15%)



- Cyan (0%)
- Magenta (93%)
- Yellow (83%)
- Black (11%)



- Cyan (11%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.0100, -21.2039, 128.0332 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 81.0100, -21.2039, 128.0332 by changing the saturation by 10% instead.

■ 81.0100, -21.2039,
128.0332

■ 81.0100, -21.2039,
128.0332

255.0000, 0.0000,
0.0000

■ 59.8300, -21.6082,
117.6671

■ 141.1130,
-27.6637, 99.8789

■ 48.4380, -23.8799,
99.5939

■ 162.0460,
-26.1517, 81.5207

■ 38.5710, -19.0155,
79.3062

■ 182.0330,
-23.1873, 63.9921

■ 29.5300, -13.5723,
60.0482

■ 202.7210,
-20.0755, 45.8487

■ 20.6740, -8.7133,
41.5049

■ 223.4090,
-16.9636, 27.7053

■ 10.5790, -4.7224,
21.4172

■ 244.2110,

■ 0.0000, 0.0000,

-13.4150, 9.4620

0.0000

253.8600, -4.3680,
0.9998

81.0100, -21.2039,
128.0332

81.0100, -21.2039,
128.0332

70.7230, -22.5414,
137.0549

96.7910, -19.1240,
114.1933

111.9850,
-16.7546, 100.8682

127.8800,
-14.2378, 86.9282

143.6610,
-12.1579, 73.0883

159.4420,
-10.0779, 59.2484

■ 174.6360, -7.7085,
45.9232

■ 190.5310, -5.1918,
31.9833

■ 206.3120, -3.1118,
18.1434

■ 221.5060, -0.7425,
4.8182

Harmonies

Analogous

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



83.1040, 13.2597, 134.0898



81.0100, -21.2039, 128.0332



104.6450, -51.5900, 73.9793

Triad

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



81.0100, -21.2039, 128.0332



86.1530, -22.7534, -75.5562



100.6840, 76.0778, -88.2999

Complementary

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



81.0100, -21.2039, 128.0332



160.9900, 21.2039, -128.0332

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.



109.0500, 67.5163, -95.6368



81.0100, -21.2039, 128.0332



97.6210, 11.0328, -85.6136

Square

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



81.0100, -21.2039, 128.0332



91.8470, -45.2806, -36.6998



105.9430, 42.9191, -92.9120



112.6780, 62.2767, -1.4716

Rectangle

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



81.0100, -21.2039, 128.0332



107.3820, -52.9393, 40.0070



105.9430, 42.9191, -92.9120



104.7930, 74.0521, -91.9035

Sweetspot

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



81.0100, -21.2039, 128.0332



206.0270, -7.4083, 42.9493



95.0810, 65.0361, 93.7680



97.7260, -4.3019, 26.5503



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.



81.0100, -21.2039, 128.0332



79.4370, -25.3584, 153.9688



125.9350, -54.6910, 88.6340



106.8160, -0.8953, 7.1774



55.6870, -18.0867, 108.1455



15.9330, -4.8970, 30.7538

Inverse Universe

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



81.0100, -21.2039, 128.0332



79.4370, -25.3584, 153.9688



116.0650, 54.6910, -88.6340



106.8160, -0.8953, 7.1774



55.6870, -18.0867, 108.1455



15.9330, -4.8970, 30.7538

Previews

White Background



This preview shows how the YUV color 81.0100, -21.2039, 128.0332 looks on a white background.

Color Contrast Check

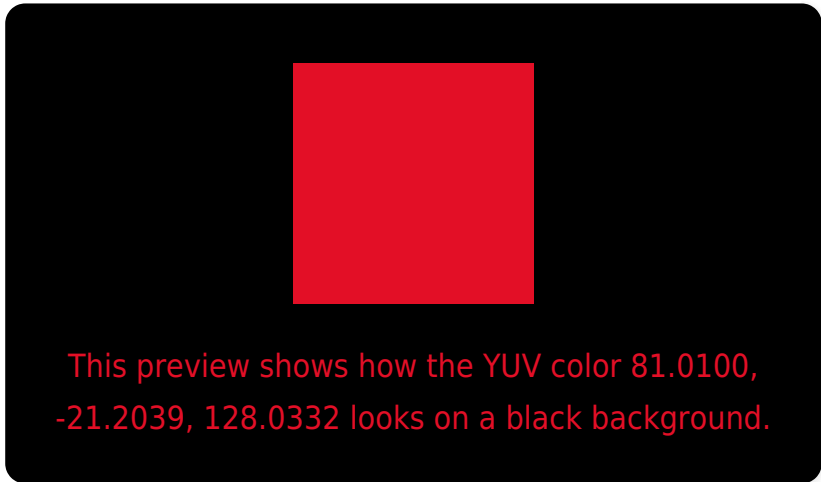
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.0100, -21.2039, 128.0332

Background



This preview shows how black text looks on a background with the YUV color 81.0100, -21.2039, 128.0332.



This preview shows how white text looks on a background with the YUV color 81.0100, -21.2039,

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

81.0100, -21.2039, 128.0332

Protanopia

112.3180, -25.7928, 12.8761

Deuteranopia

109.1190, -47.3867, 32.3446



Tritanopia

81.2260, -35.6074, 127.8438

Trichromacy



Original Color

81.0100, -21.2039, 128.0332

Protanomaly

101.0380, -24.1757, 54.3407

Deuteranomaly

98.8580, -37.8910, 66.7765

Tritanomaly

81.3060, -30.2239, 127.7736

Monochromacy



Original Color

81.0100, -21.2039, 128.0332

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9350, -7.8560, 46.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.0100, -21.2039, 128.0332 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(227, 15, 38)` looks like.

```
.text, #text, p{  
    color:rgb(227, 15, 38)  
}
```

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(227, 15, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 15, 38) }
```

Border

The CSS property to change the border of an element to YUV 81.0100, -21.2039, 128.0332 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(227, 15, 38) }
```


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

```
.border{ border-color:rgb(227, 15, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 15, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 15, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 15, 38);  
box-shadow:4px 4px 4px 4px rgb(227, 15,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 81.0100, -21.2039, 128.0332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 15, 38) }
```

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

```
.background{ background-color: rgb(227, 15,  
38) }
```

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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