

Converting Colors

YUV(98.5930, -28.8863,
118.7519)

Have a look what the booklet for
YUV(98.5930, -28.8863, 118.7519)
contains.

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Color

**YUV(98.5930, -28.8863,
118.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	EA2928
RGB	234, 41, 40
RGB Percent	92%, 16%, 16%
CMY	0.0824, 0.8392, 0.8431
CMYK	0.00, 0.82, 0.83, 0.08
HSL	0°, 82%, 54%
HSV	0°, 83%, 92%
XYZ	35.1076, 19.2315, 3.8692
YIQ	98.5930, 115.3490, 40.6050

Conversions

Conversions Part 2

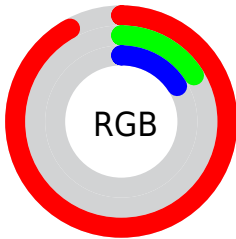
Format	Color
R_{YB}	234, 41, 40
Decimal	15345960
CIE _{Lab}	50.96, 70.14, 49.69
CIE _{LCh}	51, 85.959, 35.315
Yxy	19.2315, 0.6031, 0.3304
Android (android.graphics.Color)	4293536040 (0xFFEA2928)
YUV	98.5930, -28.8863, 118.7519
Hunter-Lab	43.8537, 66.1562, 25.4665

Details

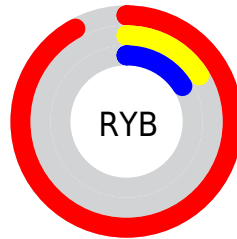
The YUV color **98.5930, -28.8863, 118.7519** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **175.4070, 28.8863, -118.7519**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9720, -30.5522, 92.9866**, and **50.5310, -24.9118, 103.8973** is the 20% darker color. If you saturate the color by 10%, you get **82.4700, -32.2767, 132.8918**, and if you desaturate by 10%, it is **114.7160, -25.4960, 104.6121**.

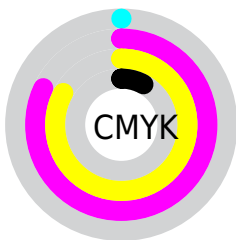
Distribution



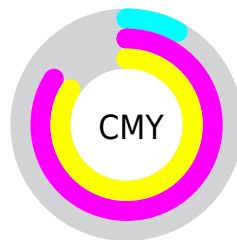
- Red (92%)
- Green (16%)
- Blue (16%)



- Red (92%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (83%)
- Black (8%)





- Cyan (8%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.5930, -28.8863, 118.7519 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 98.5930, -28.8863, 118.7519 by changing the saturation by 10% instead.


 98.5930, -28.8863,
118.7519

 98.5930, -28.8863,
118.7519


255.0000, 0.0000,
0.0000

 62.0370, -22.2032,
121.8706


 148.9720,
-30.5522, 92.9866

 50.5310, -24.9118,
103.8973


 168.8450,
-28.0246, 75.5579


 40.6640, -20.0474,
83.6097


 189.4190,
-25.3496, 57.5145

 31.5090, -15.0409,
64.4516

 209.5200,
-21.9484, 39.8860

 22.7670, -9.7451,
45.8083

 230.2080,
-18.8365, 21.7426

 12.9710, -5.9017,
26.3354

 251.0100,

 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

■ 98.5930, -28.8863,
118.7519

■ 98.5930, -28.8863,
118.7519

■ 82.4700, -32.2767,
132.8918

■ 114.7160,
-25.4960, 104.6121

■ 70.5530, -34.7826,
143.3430

■ 131.5400,
-21.9582, 89.8574

■ 147.6630,
-18.5679, 75.7175

■ 163.9000,
-14.7407, 61.4777

■ 180.0230,
-11.3503, 47.3378

■ 196.7330, -8.2494,
32.6832

■ 212.9700, -4.4222,
18.4433

■ 229.0930, -1.0318,
4.3034

■ 245.9170, 2.5059,
-10.4512

Harmonies

Analogous

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



86.0230, 12.8067, 139.4228



98.5930, -28.8863, 118.7519



112.8960, -55.6577, 72.0052

Triad

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



98.5930, -28.8863, 118.7519



93.0320, -19.2428, -81.5891



104.2060, 74.3414, -91.3887

Complementary

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



98.5930, -28.8863, 118.7519



175.4070, 28.8863, -118.7519

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.



114.1850, 69.4218, -100.1402



98.5930, -28.8863, 118.7519



103.7990, 14.3961, -91.0317

Square

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



98.5930, -28.8863, 118.7519



97.7280, -48.1799, -40.1035



112.0070, 45.8455, -98.2301



121.7500, 59.7762, 7.2352

Rectangle

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



98.5930, -28.8863, 118.7519



114.7470, -56.5703, 37.9329



112.0070, 45.8455, -98.2301



108.3150, 72.3157, -94.9923

Sweetspot

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



98.5930, -28.8863, 118.7519



210.7230, -9.7234, 38.8309



120.1220, 56.1419, 99.8710



100.6610, -5.7489, 23.9763



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.



98.5930, -28.8863, 118.7519



78.9350, -37.4360, 154.4090



154.9450, -56.6679, 69.3312



109.2890, -1.6215, 6.7625



54.7060, -26.9701, 110.7598



16.1460, -7.9600, 33.1980

Inverse Universe

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



175.4070, 28.8863, -118.7519



179.0650, 37.4360, -154.4090



119.0550, 56.6679, -69.3312



113.7110, 1.6215, -6.7625



126.2940, 26.9701, -110.7598



37.2670, 8.2494, -32.6832

Previews

White Background



This preview shows how the YUV color 98.5930, -28.8863, 118.7519 looks on a white 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

Black Background



This preview shows how the YUV color 98.5930, -28.8863, 118.7519 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 98.5930, -28.8863, 118.7519

Background



This preview shows how black text looks on a background with the YUV color 98.5930, -28.8863, 118.7519.



This preview shows how white text looks on a background with the YUV color 98.5930, -28.8863,

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

98.5930, -28.8863, 118.7519

Protanopia

118.9330, -28.5610, 14.0908

Deuteranopia

116.1900, -48.4077, 33.1594



Tritanopia

98.5930, -28.8863, 118.7519

Trichromacy



Original Color

98.5930, -28.8863, 118.7519

Protanomaly

111.7620, -28.9697, 51.9517

Deuteranomaly

109.9240, -41.3745, 64.0877

Tritanomaly

98.5930, -28.8863, 118.7519

Monochromacy



Original Color

98.5930, -28.8863, 118.7519

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9300, -10.3185, 43.0344

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5930, -28.8863, 118.7519 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(234, 41, 40)` looks like.

```
.text, #text, p{  
    color:rgb(234, 41, 40)  
}
```

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(234, 41, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 41, 40) }
```

Border

The CSS property to change the border of an element to YUV 98.5930, -28.8863, 118.7519 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(234, 41, 40) }
```


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

```
.border{ border-color:rgb(234, 41, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 41, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 41, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 41, 40);  
box-shadow:4px 4px 4px 4px rgb(234, 41,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 98.5930, -28.8863, 118.7519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 41, 40) }
```

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

```
.background{ background-color: rgb(234, 41,  
40) }
```

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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