

Converting Colors

YUV(109.5930, -28.8863,
118.7519)

Have a look what the booklet for
YUV(109.5930, -28.8863, 118.7519)
contains.

YUV(109.5930, -28.8863, 118.7519)	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(109.5930, -28.8863,
118.7519)**

Conversions

Conversions Part 1

Format	Color
Hex	F53433
RGB	245, 52, 51
RGB Percent	96%, 20%, 20%
CMY	0.0392, 0.7961, 0.8000
CMYK	0.00, 0.79, 0.79, 0.04
HSL	0°, 91%, 58%
HSV	0°, 79%, 96%
XYZ	39.4817, 22.1075, 5.3182
YIQ	109.5930, 115.3490, 40.6050

Conversions

Conversions Part 2

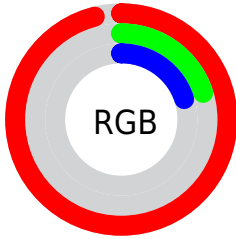
Format	Color
R_{YB}	245, 52, 51
Decimal	16069683
CIE _{Lab}	54.14, 70.74, 47.82
CIE _{LCh}	54, 85.387, 34.062
Yxy	22.1075, 0.5901, 0.3304
Android (android.graphics.Color)	4294259763 (0xFFFF53433)
YUV	109.5930, -28.8863, 118.7519
Hunter-Lab	47.0186, 67.6047, 26.2068

Details

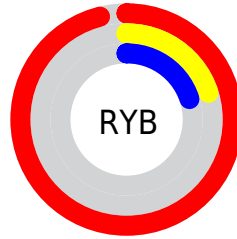
The YUV color **109.5930, -28.8863, 118.7519** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **186.4070, 28.8863, -118.7519**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6230, -27.9151, 87.1536**, and **54.5040, -23.9125, 110.0600** is the 20% darker color. If you saturate the color by 10%, you get **92.6550, -32.8609, 133.6066**, and if you desaturate by 10%, it is **126.5310, -24.9118, 103.8973**.

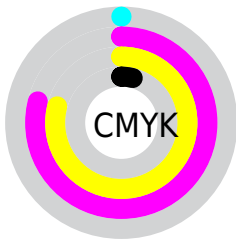
Distribution



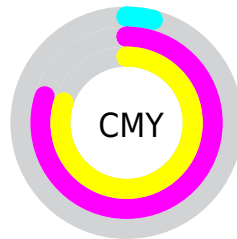
- Red (96%)
- Green (20%)
- Blue (20%)



- Red (96%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.5930, -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 109.5930, -28.8863, 118.7519 by changing the saturation by 10% instead.

■ 109.5930,
-28.8863, 118.7519

■ 109.5930,
-28.8863, 118.7519

255.0000, 0.0000,
0.0000

■ 66.5800, -19.0199,
127.5333

■ 155.6230,
-27.9151, 87.1536

■ 54.5040, -23.9125,
110.0600

■ 175.4960,
-25.3875, 69.7250

■ 43.9530, -21.6688,
90.3722

■ 196.0700,
-22.7125, 51.6816

■ 34.3850, -16.9518,
70.6994

■ 216.1710,
-19.3113, 34.0530

■ 25.3440, -11.5086,
51.4413

■ 236.9730,
-15.7627, 15.8097

■ 16.3740, -7.0864,
32.9980

■ 252.4920, -9.6096,

■ 1.7940, -0.8844,

2.1995

3.6887

■ 0.0000, 0.0000,
0.0000

■ 109.5930,
-28.8863, 118.7519

■ 109.5930,
-28.8863, 118.7519

■ 92.6550, -32.8609,
133.6066

■ 126.5310,
-24.9118, 103.8973

■ 75.2440, -36.1093,
148.8760

■ 143.9420,
-21.6634, 88.6279

■ 73.8420, -36.4041,
150.1056

■ 160.8800,
-17.6888, 73.7732

■ 177.7040,
-14.1511, 59.0186

■ 195.2290,
-10.4659, 43.6492

■ 212.0530, -6.9281,
28.8945

■ 229.5780, -3.2430,
13.5251

■ 246.4020, 0.2948,
-1.2296

■ 252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



89.9680, 16.2848, 143.8561



109.5930, -28.8863, 118.7519



120.2940, -59.3049, 75.1642

Triad

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



109.5930, -28.8863, 118.7519



98.2980, -19.3739, -86.2073



108.9020, 72.0263, -95.5071

Complementary

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



109.5930, -28.8863, 118.7519



186.4070, 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.



119.4680, 66.8173, -104.7734



109.5930, -28.8863, 118.7519



109.6520, 13.9756, -96.1648

Square

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



109.5930, -28.8863, 118.7519



107.2080, -52.8535, -34.3854



117.9740, 45.8618, -103.4632



129.9560, 60.6607, 3.5466

Rectangle

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



109.5930, -28.8863, 118.7519



122.4440, -60.3649, 41.7066



117.9740, 45.8618, -103.4632



113.5980, 69.7112, -99.6254

Sweetspot

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



109.5930, -28.8863, 118.7519



212.2390, -8.9918, 37.5014



131.1220, 56.1419, 99.8710



102.0630, -5.4541, 22.7467



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.



109.5930, -28.8863, 118.7519



85.9450, -35.9619, 148.2612



165.9450, -56.6679, 69.3312



113.5880, -1.7689, 7.3773



56.2010, -27.7071, 113.8337



17.6410, -8.6970, 36.2718

Inverse Universe

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



186.4070, 28.8863, -118.7519



182.0550, 35.9619, -148.2612



130.0550, 56.6679, -69.3312



118.4120, 1.7689, -7.3773



129.7990, 27.7071, -113.8337



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 109.5930, -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 109.5930, -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 109.5930, -28.8863, 118.7519 Background



This preview shows how black text looks on a background with the YUV color 109.5930, -28.8863, 118.7519.



This preview shows how white text looks on a background with the YUV color 109.5930, -28.8863, 118.7519.

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

109.5930, -28.8863, 118.7519

Protanopia

127.3890, -26.8138, 13.6908

Deuteranopia

124.9280, -44.3345, 33.3891



Tritanopia

109.7070, -28.4496, 118.6520

Trichromacy



Original Color

109.5930, -28.8863, 118.7519

Protanomaly

121.1040, -27.6593, 51.6518

Deuteranomaly

119.3200, -38.6118, 64.6174

Tritanomaly

109.7070, -28.4496, 118.6520

Monochromacy



Original Color

109.5930, -28.8863, 118.7519

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9300, -10.3185, 43.0344

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.5930, -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(245, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(245, 52, 51)  
}
```

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(245, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 52, 51) }
```

Border

The CSS property to change the border of an element to YUV 109.5930, -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(245, 52, 51) }
```


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

```
.border{ border-color:rgb(245, 52, 51) }
```

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

Here you see how a box with a 4 pixel rgb(245, 52, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(245, 52,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 109.5930, -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(245, 52, 51) }
```

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

```
.background{ background-color: rgb(245, 52,  
51) }
```

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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