

Converting Colors

YUV(92.9760, -33.0192,
137.7100)

Have a look what the booklet for
YUV(92.9760, -33.0192, 137.7100)
contains.

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Color

**YUV(92.9760, -33.0192,
137.7100)**

Conversions

Conversions Part 1

Format	Color
Hex	FA1A1A
RGB	250, 26, 26
RGB Percent	98%, 10%, 10%
CMY	0.0196, 0.8980, 0.8980
CMYK	0.00, 0.90, 0.90, 0.02
HSL	0°, 96%, 54%
HSV	0°, 90%, 98%
XYZ	39.9802, 21.1374, 2.9500
YIQ	92.9760, 133.5040, 47.4880

Conversions

Conversions Part 2

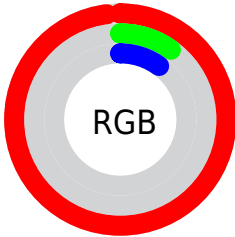
Format	Color
RYB	250, 26, 26
Decimal	16390682
CIELab	53.10, 76.79, 59.07
CIElCh	53, 96.880, 37.568
Yxy	21.1374, 0.6240, 0.3299
Android (android.graphics.Color)	4294580762 (0xFFFA1A1A)
YUV	92.9760, -33.0192, 137.7100
Hunter-Lab	45.9754, 74.7666, 28.3784

Details

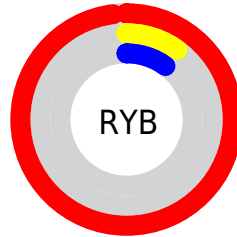
The YUV color **92.9760, -33.0192, 137.7100** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **183.0240, 33.0192, -137.7100**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.6690, -34.3468, 96.7603**, and **54.7170, -26.9755, 112.5042** is the 20% darker color. If you saturate the color by 10%, you get **75.4510, -36.7043, 153.0795**, and if you desaturate by 10%, it is **110.5010, -29.3340, 122.3406**.

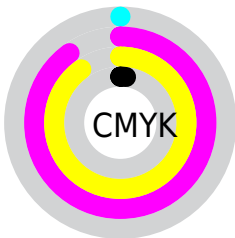
Distribution



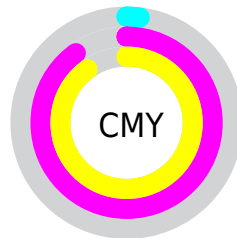
- Red (98%)
- Green (10%)
- Blue (10%)



- Red (98%)
- Yellow (10%)
- Blue (10%)



- Cyan (0%)
- Magenta (90%)
- Yellow (90%)
- Black (2%)





- Cyan (2%)
- Magenta (90%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9760, -33.0192, 137.7100 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 92.9760, -33.0192, 137.7100 by changing the saturation by 10% instead.


 92.9760, -33.0192,
137.7100


 92.9760, -33.0192,
137.7100


255.0000, 0.0000,
0.0000


 64.5840, -31.8399,
132.7918


 144.6690,
-34.3468, 96.7603

 54.7170, -26.9755,
112.5042


 165.7160,
-32.3980, 78.3021


 44.8500, -22.1110,
92.2166


 186.2900,
-29.7230, 60.2587

 35.0970, -16.8098,
71.8289

 206.9780,
-26.6112, 42.1153

 26.0560, -11.3666,
52.5709

 227.6660,
-23.4993, 23.9719


 16.6730, -7.2338,
33.6128

 249.0550,


 2.9900, -1.4741,


-20.2401, 5.2138


6.1478


 252.8340, -8.2992,
1.8996


 0.0000, 0.0000,
0.0000


 92.9760, -33.0192,
137.7100


 92.9760, -33.0192,
137.7100


 75.4510, -36.7043,
153.0795


 110.5010,
-29.3340, 122.3406

 74.7500, -36.8518,
153.6943

 128.0260,
-25.6488, 106.9712

 145.5510,
-21.9636, 91.6018

 163.0760,
-18.2785, 76.2323

 180.6010,
-14.5933, 60.8629

■ 198.1260,
-10.9081, 45.4935

■ 215.6510, -7.2229,
30.1241

■ 233.1760, -3.5378,
14.7546

■ 250.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



88.7850, 10.4590, 145.7706



92.9760, -33.0192, 137.7100



117.6360, -57.9945, 74.8642

Triad

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



92.9760, -33.0192, 137.7100



98.0700, -20.2475, -86.0074



106.5540, 73.1839, -93.4479

Complementary

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



92.9760, -33.0192, 137.7100



183.0240, 33.0192, -137.7100

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.



118.8810, 67.1067, -104.2586



92.9760, -33.0192, 137.7100



110.0910, 18.1961, -96.5498

Square

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



92.9760, -33.0192, 137.7100



91.6600, -45.1884, -66.3538



119.3250, 53.5768, -104.6480



125.8420, 63.6749, 16.8016

Rectangle

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



92.9760, -33.0192, 137.7100



119.4540, -58.8908, 35.5588



119.3250, 53.5768, -104.6480



111.8370, 70.5794, -98.0810

Sweetspot

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



92.9760, -33.0192, 137.7100



206.6310, -10.1711, 42.4196



118.5120, 64.8236, 115.3150



99.2590, -6.0437, 25.2059



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.



92.9760, -33.0192, 137.7100



76.2450, -37.5888, 156.7681



158.7200, -65.4310, 80.0526



115.8870, -1.9163, 7.9921



56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

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



183.0240, 33.0192, -137.7100



178.7550, 37.5888, -156.7681



117.2800, 65.4310, -80.0526



121.1130, 1.9163, -7.9921



132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 92.9760, -33.0192, 137.7100 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 92.9760, -33.0192, 137.7100 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 92.9760, -33.0192, 137.7100

Background



This preview shows how black text looks on a background with the YUV color 92.9760, -33.0192, 137.7100.



This preview shows how white text looks on a background with the YUV color 92.9760, -33.0192,

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

92.9760, -33.0192, 137.7100

Protanopia

122.9520, -37.4443, 16.7051

Deuteranopia

119.1660, -58.7488, 36.6884



Tritanopia

92.6510, -36.8029, 137.9951

Trichromacy



Original Color

92.9760, -33.0192, 137.7100

Protanomaly

111.9820, -35.9801, 60.5288

Deuteranomaly

109.2150, -49.4060, 73.4794

Tritanomaly

92.9930, -35.4925, 137.6951

Monochromacy



Original Color

92.9760, -33.0192, 137.7100

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.2190, -11.9400, 49.7969

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9760, -33.0192, 137.7100 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(250, 26, 26)` looks like.

```
.text, #text, p{  
    color:rgb(250, 26, 26)  
}
```

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(250, 26, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 26, 26) }
```

Border

The CSS property to change the border of an element to YUV 92.9760, -33.0192, 137.7100 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(250, 26, 26) }
```


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

```
.border{ border-color:rgb(250, 26, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 26, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 26, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 26, 26);  
box-shadow:4px 4px 4px 4px rgb(250, 26,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 92.9760, -33.0192, 137.7100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 26, 26) }
```

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

```
.background{ background-color: rgb(250, 26,  
26) }
```

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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