

Converting Colors

YUV(94.4940, -38.6975,
139.0098)

Have a look what the booklet for
YUV(94.4940, -38.6975, 139.0098)
contains.

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Color

**YUV(94.4940, -38.6975,
139.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	FD1D10
RGB	253, 29, 16
RGB Percent	99%, 11%, 6%
CMY	0.0078, 0.8863, 0.9373
CMYK	0.00, 0.89, 0.94, 0.01
HSL	3°, 98%, 53%
HSV	3°, 94%, 99%
XYZ	41.0409, 21.7988, 2.5347
YIQ	94.4940, 137.6770, 43.4450

Conversions

Conversions Part 2

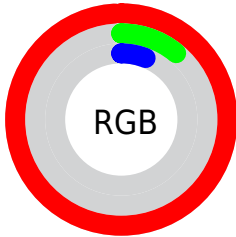
Format	Color
RYB	253, 30, 16
Decimal	16588048
CIELab	53.81, 77.00, 63.26
CIElCh	54, 99.653, 39.406
Yxy	21.7988, 0.6278, 0.3334
Android (android.graphics.Color)	4294778128 (0xFFFD1D10)
YUV	94.4940, -38.6975, 139.0098
Hunter-Lab	46.6892, 75.1997, 29.4636

Details

The YUV color **94.4940, -38.6975, 139.0098** 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 **174.5060, 38.6975, -139.0098**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0450, -37.9832, 96.4305**, and **55.6140, -27.4177, 114.3485** is the 20% darker color. If you saturate the color by 10%, you get **83.8650, -41.3454, 148.3314**, and if you desaturate by 10%, it is **111.4320, -34.7230, 124.1551**.

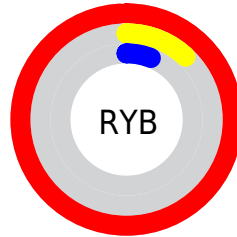
Distribution



Red (99%)

Green (11%)

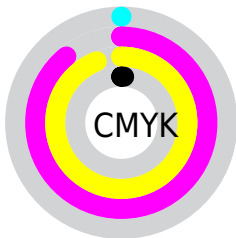
Blue (6%)



Red (99%)

Yellow (12%)

Blue (6%)

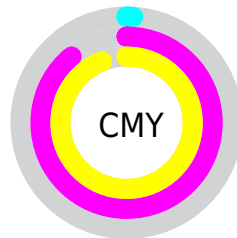


Cyan (0%)

Magenta (89%)

Yellow (94%)

Black (1%)



Cyan (1%)


Magenta (89%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.4940, -38.6975, 139.0098 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 94.4940, -38.6975, 139.0098 by changing the saturation by 10% instead.


 94.4940, -38.6975,
139.0098


 94.4940, -38.6975,
139.0098


255.0000, 0.0000,
0.0000


 65.4810, -32.2821,
134.6362


 145.0450,
-37.9832, 96.4305


 55.6140, -27.4177,
114.3485


 166.2060,
-35.5976, 77.8723

 45.7470, -22.5533,
94.0609


 186.6660,
-33.3593, 59.9289

 35.9940, -17.2520,
73.6733

 207.3540,
-30.2475, 41.7855

 26.9530, -11.8088,
54.4152

 228.0420,
-27.1357, 23.6422


 17.5700, -7.6760,
35.4571

 248.8440,


 5.0830, -2.5059,


-23.5871, 5.3988


10.4512


 252.1500,
-10.9200, 2.4994

 0.0000, 0.0000,
0.0000


 94.4940, -38.6975,
139.0098


 94.4940, -38.6975,
139.0098

 83.8650, -41.3454,
148.3314

 111.4320,
-34.7230, 124.1551

 128.4840,
-30.3116, 109.2005

 145.4220,
-26.3370, 94.3459

 162.3600,
-22.3625, 79.4913

 179.2980,
-18.3879, 64.6367

195.7630,
-13.6872, 50.1968

212.7010, -9.7126,
35.3422

229.6390, -5.7380,
20.4876

246.6910, -1.3267,
5.5330

Harmonies

Analogous

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



88.3290, 8.7118, 146.1705



94.4940, -38.6975, 139.0098



119.9840, -59.1521, 72.8050

Triad

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



94.4940, -38.6975, 139.0098



100.4010, -18.9317, -88.0517



107.1410, 72.8945, -93.9627

Complementary

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



94.4940, -38.6975, 139.0098



174.5060, 38.6975, -139.0098

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.



120.0550, 66.5279, -105.2882



94.4940, -38.6975, 139.0098



112.7640, 20.8223, -98.8940

Square

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



94.4940, -38.6975, 139.0098



88.6370, -43.6980, -77.7346



122.2260, 57.0766, -107.1922



127.3700, 62.9216, 25.1085

Rectangle

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



94.4940, -38.6975, 139.0098



120.6170, -59.4642, 32.7849



122.2260, 57.0766, -107.1922



112.4240, 70.2900, -98.5958

Sweetspot

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



94.4940, -38.6975, 139.0098



207.5770, -11.6235, 41.5900



112.5130, 63.3441, 123.2071



98.9170, -7.3541, 25.5058



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.



94.4940, -38.6975, 139.0098



84.4630, -41.6403, 149.5609



163.1730, -72.5563, 78.7783



118.8870, -1.9163, 7.9921



62.9790, -31.0486, 112.2744



20.8970, -10.3022, 37.8013

Inverse Universe

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



174.5060, 38.6975, -139.0098



170.5370, 41.6403, -149.5609



105.8270, 72.5563, -78.7783



123.5260, 2.2057, -7.4773



128.0210, 31.0486, -112.2744



42.5160, 10.5916, -37.2865

Previews

White Background



This preview shows how the YUV color 94.4940, -38.6975, 139.0098 looks on a white background.

Color Contrast Check

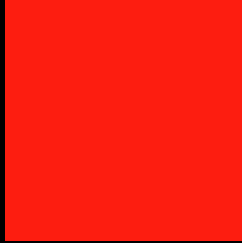
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4940, -38.6975, 139.0098 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 94.4940, -38.6975, 139.0098

Background



This preview shows how black text looks on a background with the YUV color 94.4940, -38.6975, 139.0098.



This preview shows how white text looks on a background with the YUV color 94.4940, -38.6975,

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

94.4940, -38.6975, 139.0098

Protanopia

123.9970, -42.3965, 18.4196

Deuteranopia

120.9380, -59.6224, 36.8884



Tritanopia

95.0640, -36.5136, 138.5099

Trichromacy



Original Color

94.4940, -38.6975, 139.0098

Protanomaly

113.0270, -40.9323, 62.2433

Deuteranomaly

111.5310, -52.0268, 74.0793

Tritanomaly

94.8360, -37.3871, 138.7098

Monochromacy



Original Color

94.4940, -38.6975, 139.0098

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0620, -13.8346, 50.8116

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4940, -38.6975, 139.0098 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(253, 29, 16)` looks like.

```
.text, #text, p{  
    color:rgb(253, 29, 16)  
}
```

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(253, 29, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 29, 16) }
```

Border

The CSS property to change the border of an element to YUV 94.4940, -38.6975, 139.0098 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(253, 29, 16) }
```


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

```
.border{ border-color:rgb(253, 29, 16) }
```

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

Here you see how a box with a 4 pixel rgb(253, 29, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 29, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 29, 16);  
box-shadow:4px 4px 4px 4px rgb(253, 29,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 94.4940, -38.6975, 139.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 29, 16) }
```

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

```
.background{ background-color: rgb(253, 29,  
16) }
```

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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