

Converting Colors

YUV(94.6940, -35.3451,
137.0804)

Have a look what the booklet for
YUV(94.6940, -35.3451, 137.0804)
contains.

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Color

**YUV(94.6940, -35.3451,
137.0804)**

Conversions

Conversions Part 1

Format	Color
Hex	FB1D17
RGB	251, 29, 23
RGB Percent	98%, 11%, 9%
CMY	0.0157, 0.8863, 0.9098
CMYK	0.00, 0.88, 0.91, 0.02
HSL	2°, 97%, 54%
HSV	2°, 91%, 98%
XYZ	40.3777, 21.4498, 2.8227
YIQ	94.6940, 134.2380, 45.1980

Conversions

Conversions Part 2

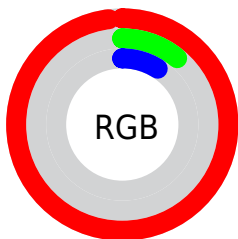
Format	Color
RYB	251, 29, 23
Decimal	16456983
CIELab	53.44, 76.57, 60.53
CIElCh	53, 97.602, 38.328
Yxy	21.4498, 0.6246, 0.3318
Android (android.graphics.Color)	4294647063 (0xFFFB1D17)
YUV	94.6940, -35.3451, 137.0804
Hunter-Lab	46.3140, 74.5714, 28.8062

Details

The YUV color **94.6940, -35.3451, 137.0804** 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 **179.3060, 35.3451, -137.0804**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.6150, -35.7992, 95.9306**, and **55.0160, -27.1229, 113.1190** is the 20% darker color. If you saturate the color by 10%, you get **79.1580, -39.0249, 150.7054**, and if you desaturate by 10%, it is **111.6320, -31.3706, 122.2257**.

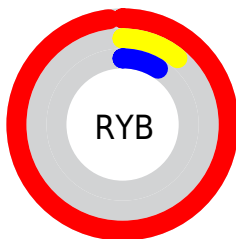
Distribution



Red (98%)

Green (11%)

Blue (9%)



Red (98%)

Yellow (11%)

Blue (9%)

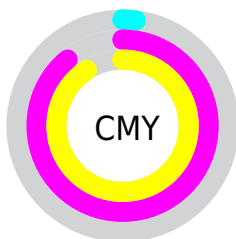


Cyan (0%)

Magenta (88%)

Yellow (91%)

Black (2%)



Cyan (2%)


Magenta (89%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.6940, -35.3451, 137.0804 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 94.6940, -35.3451, 137.0804 by changing the saturation by 10% instead.


 94.6940, -35.3451,
137.0804

 94.6940, -35.3451,
137.0804


255.0000, 0.0000,
0.0000


 64.8830, -31.9873,
133.4066


 145.6150,
-35.7992, 95.9306


 55.0160, -27.1229,
113.1190


 166.0750,
-33.5610, 77.9872


 45.1490, -22.2585,
92.8313


 186.6490,
-30.8860, 59.9438

 35.3960, -16.9572,
72.4437

 207.2230,
-28.2109, 41.9004

 26.3550, -11.5140,
53.1857

 228.0250,
-24.6623, 23.6571

 16.9720, -7.3812,
34.2276

 249.4140,


 3.8870, -1.9163,


-21.4031, 4.8989


7.9921


 252.6060, -9.1728,
2.0995


 0.0000, 0.0000,
0.0000


 94.6940, -35.3451,
137.0804


 94.6940, -35.3451,
137.0804


 79.1580, -39.0249,
150.7054

 111.6320,
-31.3706, 122.2257

 129.1570,
-27.6854, 106.8563

 146.0950,
-23.7108, 92.0017

 163.6200,
-20.0257, 76.6323

 180.6720,
-15.6143, 61.6777

198.1970,
-11.9291, 46.3082

215.1350, -7.9546,
31.4536

232.6600, -4.2694,
16.0842

249.5980, -0.2948,
1.2296

Harmonies

Analogous

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



88.6710, 10.0222, 145.8705



94.6940, -35.3451, 137.0804



118.8100, -58.5733, 73.8346

Triad

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



94.6940, -35.3451, 137.0804



98.8850, -19.6633, -86.7221



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.



94.6940, -35.3451, 137.0804



179.3060, 35.3451, -137.0804

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



94.6940, -35.3451, 137.0804



111.6070, 18.9277, -97.8793

Square

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



94.6940, -35.3451, 137.0804



87.7620, -43.2667, -76.0903



120.9550, 54.7452, -106.0775



126.7500, 63.2272, 20.3903

Rectangle

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



94.6940, -35.3451, 137.0804



120.0410, -59.1802, 35.0440



120.9550, 54.7452, -106.0775



111.8370, 70.5794, -98.0810

Sweetspot

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



94.6940, -35.3451, 137.0804



207.8050, -10.7499, 41.3900



116.7080, 64.2340, 117.7741



99.8460, -6.3331, 24.6911



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.



94.6940, -35.3451, 137.0804



80.3540, -39.6145, 153.1645



160.4380, -67.7569, 79.4229



116.4740, -2.2057, 7.4773



59.4460, -29.3069, 113.6189



19.4130, -9.5706, 36.4718

Inverse Universe

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



179.3060, 35.3451, -137.0804



174.6460, 39.6145, -153.1645



113.5620, 67.7569, -79.4229



121.1130, 1.9163, -7.9921



129.5540, 29.3069, -113.6189



42.1740, 9.2812, -36.9866

Previews

White Background



This preview shows how the YUV color 94.6940, -35.3451, 137.0804 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 94.6940, -35.3451, 137.0804 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 94.6940, -35.3451, 137.0804

Background



This preview shows how black text looks on a background with the YUV color 94.6940, -35.3451, 137.0804.



This preview shows how white text looks on a background with the YUV color 94.6940, -35.3451,

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

94.6940, -35.3451, 137.0804

Protanopia

123.4960, -39.1915, 17.1050

Deuteranopia

120.0520, -59.1856, 36.7884



Tritanopia

94.5800, -35.7819, 137.1803

Trichromacy



Original Color

94.6940, -35.3451, 137.0804

Protanomaly

113.1130, -38.0167, 60.4139

Deuteranomaly

110.5740, -50.5690, 73.1646

Tritanomaly

94.5800, -35.7819, 137.1803

Monochromacy



Original Color

94.6940, -35.3451, 137.0804

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.9910, -12.8136, 49.9969

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.6940, -35.3451, 137.0804 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(251, 29, 23)` looks like.

```
.text, #text, p{  
    color:rgb(251, 29, 23)  
}
```

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(251, 29, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 29, 23) }
```

Border

The CSS property to change the border of an element to YUV 94.6940, -35.3451, 137.0804 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(251, 29, 23) }
```


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

```
.border{ border-color:rgb(251, 29, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 29, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 29, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 29, 23);  
box-shadow:4px 4px 4px 4px rgb(251, 29,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 94.6940, -35.3451, 137.0804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 29, 23) }
```

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

```
.background{ background-color: rgb(251, 29,  
23) }
```

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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