

Converting Colors

YUV(100.1450, -36.0605,
133.1768)

Have a look what the booklet for
YUV(100.1450, -36.0605, 133.1768)
contains.

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Color

**YUV(100.1450, -36.0605,
133.1768)**

Conversions

Conversions Part 1

Format	Color
Hex	FC251B
RGB	252, 37, 27
RGB Percent	99%, 15%, 11%
CMY	0.0118, 0.8549, 0.8941
CMYK	0.00, 0.85, 0.89, 0.01
HSL	3°, 97%, 55%
HSV	3°, 89%, 99%
XYZ	41.0043, 22.0977, 3.1410
YIQ	100.1450, 131.3500, 42.4700

Conversions

Conversions Part 2

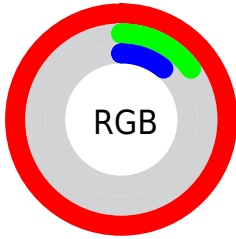
Format	Color
R_{YB}	252, 37, 27
Decimal	16524571
CIE Lab	54.13, 75.52, 59.58
CIE LCh	54, 96.188, 38.270
Yxy	22.0977, 0.6190, 0.3336
Android (android.graphics.Color)	4294714651 (0xFFFC251B)
YUV	100.1450, -36.0605, 133.1768
Hunter-Lab	47.0082, 73.4375, 28.9441

Details

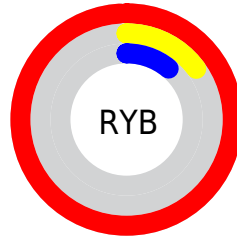
The YUV color **100.1450, -36.0605, 133.1768** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **178.8550, 36.0605, -133.1768**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3050, -35.6464, 93.5715**, and **55.3150, -27.2703, 113.7337** is the 20% darker color. If you saturate the color by 10%, you get **83.2070, -40.0351, 148.0315**, and if you desaturate by 10%, it is **117.0830, -32.0859, 118.3222**.

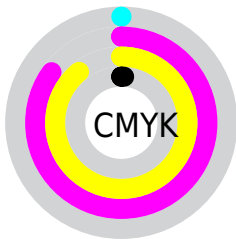
Distribution



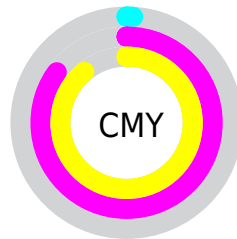
- Red (99%)
- Green (15%)
- Blue (11%)



- Red (99%)
- Yellow (15%)
- Blue (11%)



- Cyan (0%)
- Magenta (85%)
- Yellow (89%)
- Black (1%)





- Cyan (1%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.1450, -36.0605, 133.1768 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 100.1450, -36.0605, 133.1768 by changing the saturation by 10% instead.


 100.1450,
-36.0605, 133.1768


 100.1450,
-36.0605, 133.1768


255.0000, 0.0000,
0.0000

 65.1820, -32.1347,
134.0214


 148.3050,
-35.6464, 93.5715


 55.3150, -27.2703,
113.7337


 168.8790,
-32.9713, 75.5281


 45.4480, -22.4059,
93.4461


 189.4530,
-30.2963, 57.4847

 35.8800, -17.6888,
73.7732

 210.0270,
-27.6213, 39.4413

 26.6540, -11.6614,
53.8004

 230.7150,
-24.5095, 21.2979

 17.5700, -7.6760,
35.4571

 249.7560,


 5.0830, -2.5059,


-20.0927, 4.5990


10.4512


 253.0620, -7.4256,
1.6996


 0.0000, 0.0000,
0.0000


 100.1450,
-36.0605, 133.1768


 100.1450,
-36.0605, 133.1768


 83.2070, -40.0351,
148.0315

 117.0830,
-32.0859, 118.3222

 81.8050, -40.3299,
149.2610

 134.0210,
-28.1114, 103.4676

 151.0730,
-23.7000, 88.5130

 168.0110,
-19.7254, 73.6584

 184.9490,
-15.7509, 58.8037

201.8870,
-11.7763, 43.9491

219.4120, -8.0911,
28.5797

236.4640, -3.6798,
13.6251

253.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



88.8990, 10.8958, 145.6706



100.1450, -36.0605, 133.1768



120.5820, -59.4469, 74.0346

Triad

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



100.1450, -36.0605, 133.1768



100.4010, -18.9317, -88.0517



107.7280, 72.6051, -94.4775

Complementary

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



100.1450, -36.0605, 133.1768



178.8550, 36.0605, -133.1768

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



100.1450, -36.0605, 133.1768



112.3080, 19.0752, -98.4941

Square

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



100.1450, -36.0605, 133.1768



94.0190, -46.3514, -66.6687



121.5420, 54.4558, -106.5923



128.5220, 62.3537, 20.5902

Rectangle

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



100.1450, -36.0605, 133.1768



121.8130, -60.0538, 35.2440



121.5420, 54.4558, -106.5923



113.0110, 70.0006, -99.1106

Sweetspot

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



100.1450, -36.0605, 133.1768



208.3920, -11.0393, 40.8752



119.1270, 62.0554, 116.5296



100.4330, -6.6225, 24.1763



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.



100.1450, -36.0605, 133.1768



82.7020, -40.7721, 151.1053



164.7150, -67.8935, 76.5489



116.4740, -2.2057, 7.4773



61.2070, -30.1751, 112.0745



20.0000, -9.8600, 35.9570

Inverse Universe

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



178.8550, 36.0605, -133.1768



172.2980, 40.7721, -151.1053



114.2850, 67.8935, -76.5489



120.5260, 2.2057, -7.4773



127.2060, 30.4644, -111.5597



41.0000, 9.8600, -35.9570

Previews

White Background



This preview shows how the YUV color 100.1450, -36.0605, 133.1768 looks on a white background.

Color Contrast Check

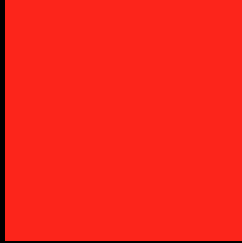
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.1450, -36.0605, 133.1768 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 100.1450, -36.0605, 133.1768 Background



This preview shows how black text looks on a background with the YUV color 100.1450, -36.0605, 133.1768.



This preview shows how white text looks on a background with the YUV color 100.1450, -36.0605, 133.1768.

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

100.1450, -36.0605, 133.1768

Protanopia

125.0230, -38.4653, 17.5198

Deuteranopia

121.2370, -59.7698, 37.5032



Tritanopia

100.2420, -33.1503, 133.0918

Trichromacy



Original Color

100.1450, -36.0605, 133.1768

Protanomaly

115.9280, -37.4325, 59.6991

Deuteranomaly

113.7480, -51.1478, 72.1350

Tritanomaly

100.0140, -34.0239, 133.2917

Monochromacy



Original Color

100.1450, -36.0605, 133.1768

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

99.8660, -13.2449, 48.3525

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.1450, -36.0605, 133.1768 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(252, 37, 27)` looks like.

```
.text, #text, p{  
    color:rgb(252, 37, 27)  
}
```

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(252, 37, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 37, 27) }
```

Border

The CSS property to change the border of an element to YUV 100.1450, -36.0605, 133.1768 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(252, 37, 27) }
```


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

```
.border{ border-color:rgb(252, 37, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 37, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 37, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 37, 27);  
box-shadow:4px 4px 4px 4px rgb(252, 37,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 100.1450, -36.0605, 133.1768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 37, 27) }
```

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

```
.background{ background-color: rgb(252, 37,  
27) }
```

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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