

Converting Colors

YUV(98.4000, -36.1862,
126.8142)

Have a look what the booklet for
YUV(98.4000, -36.1862, 126.8142)
contains.

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Color

**YUV(98.4000, -36.1862,
126.8142)**

Conversions

Conversions Part 1

Format	Color
Hex	F32719
RGB	243, 39, 25
RGB Percent	95%, 15%, 10%
CMY	0.0471, 0.8471, 0.9020
CMYK	0.00, 0.84, 0.90, 0.05
HSL	4°, 90%, 53%
HSV	4°, 90%, 95%
XYZ	37.8631, 20.5759, 2.8956
YIQ	98.4000, 126.0780, 38.8940

Conversions

Conversions Part 2

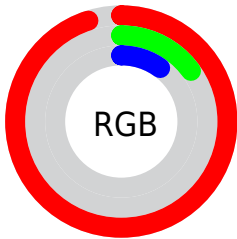
Format	Color
R_{YB}	243, 40, 25
Decimal	15935257
CIE _{Lab}	52.48, 72.72, 58.37
CIE _{LCh}	52, 93.250, 38.756
Yxy	20.5759, 0.6173, 0.3355
Android (android.graphics.Color)	4294125337 (0xFFFF32719)
YUV	98.4000, -36.1862, 126.8142
Hunter-Lab	45.3607, 69.6150, 27.9676

Details

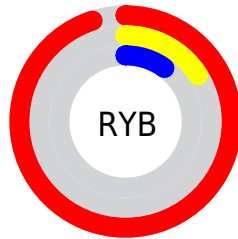
The YUV color **98.4000, -36.1862, 126.8142** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **169.6000, 36.1862, -126.8142**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4900, -36.2306, 94.2863**, and **52.9230, -26.0910, 108.8155** is the 20% darker color. If you saturate the color by 10%, you get **82.1630, -40.0134, 141.0540**, and if you desaturate by 10%, it is **114.6370, -32.3590, 112.5744**.

Distribution



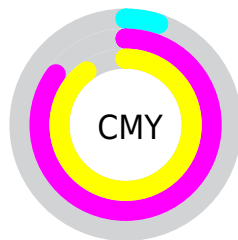
- Red (95%)
- Green (15%)
- Blue (10%)



- Red (95%)
- Yellow (16%)
- Blue (10%)



- Cyan (0%)
- Magenta (84%)
- Yellow (90%)
- Black (5%)




- Cyan (5%)
- Magenta (85%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.4000, -36.1862, 126.8142 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 98.4000, -36.1862, 126.8142 by changing the saturation by 10% instead.


 98.4000, -36.1862,
126.8142

 98.4000, -36.1862,
126.8142


255.0000, 0.0000,
0.0000


 62.7900, -30.9555,
129.1032


 147.4900,
-36.2306, 94.2863

 52.9230, -26.0910,
108.8155


 168.0640,
-33.5556, 76.2429


 43.0560, -21.2266,
88.5279


 188.5240,
-31.3173, 58.2995

 33.4880, -16.5096,
68.8550

 208.6250,
-27.9161, 40.6709

 24.5610, -10.6296,
49.4970

 229.3130,
-24.8043, 22.5275

 15.1780, -6.4968,
30.5389

 249.5280,

 0.0000, 0.0000,

-20.9663, 4.7989

0.0000

252.8340, -8.2992,
1.8996

98.4000, -36.1862,
126.8142

98.4000, -36.1862,
126.8142

82.1630, -40.0134,
141.0540

114.6370,
-32.3590, 112.5744

82.0490, -40.4502,
141.1540

130.4010,
-27.8057, 98.7493

146.6380,
-23.9785, 84.5095

162.8750,
-20.1514, 70.2696

179.1120,
-16.3242, 56.0298

■ 194.8760,
-11.7709, 42.2047

■ 211.1130, -7.9437,
27.9649

■ 227.3500, -4.1166,
13.7250

■ 243.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



88.3290, 8.7118, 146.1705



98.4000, -36.1862, 126.8142



117.0160, -57.6889, 70.1460

Triad

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



98.4000, -36.1862, 126.8142



97.4660, -17.4847, -85.4777



104.7930, 74.0521, -91.9035

Complementary

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



98.4000, -36.1862, 126.8142



169.6000, 36.1862, -126.8142

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.



117.1200, 67.9748, -102.7142



98.4000, -36.1862, 126.8142



109.0310, 19.2117, -95.6202

Square

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



98.4000, -36.1862, 126.8142



90.1870, -44.4622, -65.9390



117.8090, 52.8452, -103.3185



125.5220, 62.3537, 20.5902

Rectangle

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



98.4000, -36.1862, 126.8142



117.6710, -58.0118, 33.6145



117.8090, 52.8452, -103.3185



110.0760, 71.4475, -96.5367

Sweetspot

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



98.4000, -36.1862, 126.8142



209.5660, -11.6180, 39.8456



113.7800, 58.2825, 113.3259



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.



98.4000, -36.1862, 126.8142



85.6370, -42.2190, 148.5314



160.6220, -66.8616, 72.2455



114.1750, -2.0583, 6.8625



62.6580, -30.8904, 108.1709



19.9890, -9.8546, 34.2126

Inverse Universe

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



169.6000, 36.1862, -126.8142



169.3630, 42.2190, -148.5314



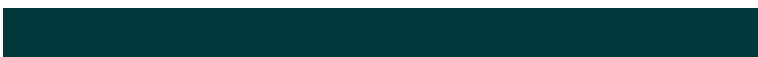
107.3780, 66.8616, -72.2455



118.4120, 1.7689, -7.3773



123.3420, 30.8904, -108.1709



39.0110, 9.8546, -34.2126

Previews

White Background



This preview shows how the YUV color 98.4000, -36.1862, 126.8142 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 98.4000, -36.1862, 126.8142 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 98.4000, -36.1862, 126.8142

Background



This preview shows how black text looks on a background with the YUV color 98.4000, -36.1862, 126.8142.



This preview shows how white text looks on a background with the YUV color 98.4000, -36.1862,

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

98.4000, -36.1862, 126.8142

Protanopia

121.1370, -38.0285, 17.4199

Deuteranopia

117.3940, -57.8752, 36.4885



Tritanopia

98.9530, -31.5288, 126.3292

Trichromacy



Original Color

98.4000, -36.1862, 126.8142

Protanomaly

112.6180, -37.2797, 57.3400

Deuteranomaly

110.6660, -50.1213, 69.5759

Tritanomaly

98.4970, -33.2760, 126.7291

Monochromacy



Original Color

98.4000, -36.1862, 126.8142

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.4420, -13.5289, 46.0934

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4000, -36.1862, 126.8142 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(243, 39, 25)` looks like.

```
.text, #text, p{  
    color:rgb(243, 39, 25)  
}
```

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(243, 39, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 39, 25) }
```

Border

The CSS property to change the border of an element to YUV 98.4000, -36.1862, 126.8142 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(243, 39, 25) }
```


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

```
.border{ border-color:rgb(243, 39, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 39, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 39, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 39, 25);  
box-shadow:4px 4px 4px 4px rgb(243, 39,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 98.4000, -36.1862, 126.8142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 39, 25) }
```

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

```
.background{ background-color: rgb(243, 39,  
25) }
```

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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