

Converting Colors

YUV(98.6600, -30.3984,
137.1102)

Have a look what the booklet for
YUV(98.6600, -30.3984, 137.1102)
contains.

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Color

**YUV(98.6600, -30.3984,
137.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1F25
RGB	255, 31, 37
RGB Percent	100%, 12%, 15%
CMY	0.0000, 0.8784, 0.8549
CMYK	0.00, 0.88, 0.85, 0.00
HSL	358°, 100%, 56%
HSV	358°, 88%, 100%
XYZ	42.0639, 22.3735, 3.8518
YIQ	98.6600, 131.5780, 49.3540

Conversions

Conversions Part 2

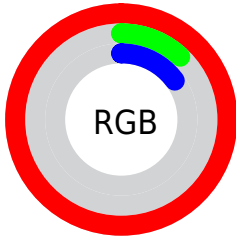
Format	Color
R_{YB}	255, 31, 37
Decimal	16719653
CIE _{Lab}	54.42, 77.49, 55.76
CIE _{LCh}	54, 95.469, 35.738
Yxy	22.3735, 0.6160, 0.3276
Android (android.graphics.Color)	4294909733 (0xFFFF1F25)
YUV	98.6600, -30.3984, 137.1102
Hunter-Lab	47.3007, 75.9617, 28.2824

Details

The YUV color **98.6600, -30.3984, 137.1102** 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 **187.3400, 30.3984, -137.1102**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5700, -30.8470, 94.2161**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **81.1350, -34.0836, 152.4796**, and if you desaturate by 10%, it is **116.7720, -27.0026, 121.2260**.

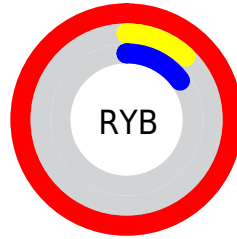
Distribution



Red (100%)

Green (12%)

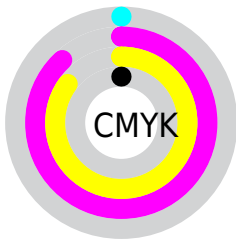
Blue (15%)



Red (100%)

Yellow (12%)

Blue (15%)

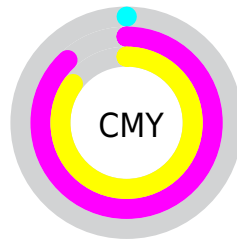


Cyan (0%)

Magenta (88%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (88%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.6600, -30.3984, 137.1102 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 98.6600, -30.3984, 137.1102 by changing the saturation by 10% instead.


 98.6600, -30.3984,
137.1102


 98.6600, -30.3984,
137.1102


255.0000, 0.0000,
0.0000


 67.4470, -27.3354,
134.6660


 147.5700,
-30.8470, 94.2161


 56.2120, -27.7125,
115.5781


 168.6170,
-28.8982, 75.7579


 46.3450, -22.8481,
95.2904


 189.1910,
-26.2232, 57.7145

 36.5920, -17.5469,
74.9028

 209.8790,
-23.1113, 39.5711

 27.5510, -12.1036,
55.6448

 231.1540,
-20.2889, 20.9129


 18.2820, -7.5340,
36.5867


 250.7820,


 6.5780, -3.2430,


-16.1615, 3.6992


13.5251


 254.0880, -3.4944,
0.7998


 0.0000, 0.0000,
0.0000

 98.6600, -30.3984,
137.1102


 98.6600, -30.3984,
137.1102

 81.1350, -34.0836,
152.4796


 116.7720,
-27.0026, 121.2260

 77.0430, -34.5312,
156.0683

 134.2970,
-23.3174, 105.8565

 151.7080,
-20.0690, 90.5871

 169.8200,
-16.6733, 74.7029

 187.9320,
-13.2775, 58.8186

■ 205.4570, -9.5923,
43.4492

■ 223.5690, -6.1965,
27.5650

■ 241.0940, -2.5113,
12.1956

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



89.6970, 13.9534, 144.9707



98.6600, -30.3984, 137.1102



120.3160, -59.3158, 78.6529

Triad

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



98.6600, -30.3984, 137.1102



99.6030, -21.9893, -87.3518



109.4890, 71.7369, -96.0219

Complementary

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



98.6600, -30.3984, 137.1102



187.3400, 30.3984, -137.1102

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.



121.2290, 65.9491, -106.3178



98.6600, -30.3984, 137.1102



112.2110, 16.1650, -98.4090

Square

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



98.6600, -30.3984, 137.1102



101.7930, -50.1839, -50.6845



121.4450, 51.5456, -106.5073



128.7550, 62.2388, 10.7389

Rectangle

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



98.6600, -30.3984, 137.1102



122.7320, -60.5069, 40.5770



121.4450, 51.5456, -106.5073



114.1850, 69.4218, -100.1402

Sweetspot

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



98.6600, -30.3984, 137.1102



208.8480, -9.2921, 40.4753



121.4190, 65.8554, 111.0115



100.0740, -5.4595, 24.4911



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.



98.6600, -30.3984, 137.1102



77.0430, -34.5312, 156.0683



159.6110, -63.4052, 83.6562



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225



19.3640, -8.5605, 39.1458

Inverse Universe

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



98.6600, -30.3984, 137.1102



77.0430, -34.5312, 156.0683



126.3890, 63.4052, -83.6562



118.8870, -1.9163, 7.9921



57.6790, -25.9707, 116.9225



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 98.6600, -30.3984, 137.1102 looks on a white background.

Color Contrast Check

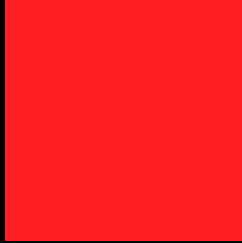
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6600, -30.3984, 137.1102 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 98.6600, -30.3984, 137.1102

Background



This preview shows how black text looks on a background with the YUV color 98.6600, -30.3984, 137.1102.



This preview shows how white text looks on a background with the YUV color 98.6600, -30.3984,

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

98.6600, -30.3984, 137.1102

Protanopia

127.0920, -33.0764, 15.7053

Deuteranopia

122.1230, -60.2066, 37.6031



Tritanopia

98.6940, -35.3451, 137.0804

Trichromacy



Original Color

98.6600, -30.3984, 137.1102

Protanomaly

117.0080, -32.0489, 59.6290

Deuteranomaly

113.5140, -49.5534, 74.0942

Tritanomaly

98.5630, -33.3086, 137.1952

Monochromacy



Original Color

98.6600, -30.3984, 137.1102

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7460, -11.2138, 50.2118

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6600, -30.3984, 137.1102 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(255, 31, 37)` looks like.

```
.text, #text, p{  
    color:rgb(255, 31, 37)  
}
```

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(255, 31, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 31, 37) }
```

Border

The CSS property to change the border of an element to YUV 98.6600, -30.3984, 137.1102 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(255, 31, 37) }
```


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

```
.border{ border-color:rgb(255, 31, 37) }
```

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

Here you see how a box with a 4 pixel rgb(255, 31, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 31, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 31, 37);  
box-shadow:4px 4px 4px 4px rgb(255, 31,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 98.6600, -30.3984, 137.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 31, 37) }
```

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

```
.background{ background-color: rgb(255, 31,  
37) }
```

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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