

Converting Colors

YUV(84.7830, -23.5570,
136.1253)

Have a look what the booklet for
YUV(84.7830, -23.5570, 136.1253)
contains.

YUV(84.7830, -23.5570, 136.1253)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.7830, -23.5570,
136.1253)**

Conversions

Conversions Part 1

Format	Color
Hex	F00F25
RGB	240, 15, 37
RGB Percent	94%, 6%, 15%
CMY	0.0588, 0.9412, 0.8549
CMYK	0.00, 0.94, 0.85, 0.06
HSL	354°, 88%, 50%
HSV	354°, 94%, 94%
XYZ	36.4399, 19.0005, 3.4971
YIQ	84.7830, 127.0380, 54.5420

Conversions

Conversions Part 2

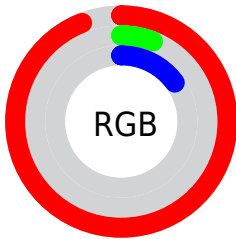
Format	Color
R_{YB}	240, 15, 37
Decimal	15732517
CIE Lab	50.69, 75.78, 51.40
CIE LCh	51, 91.573, 34.149
Yxy	19.0005, 0.6183, 0.3224
Android (android.graphics.Color)	4293922597 (0xFFFF00F25)
YUV	84.7830, -23.5570, 136.1253
Hunter-Lab	43.5895, 72.9405, 25.7559

Details

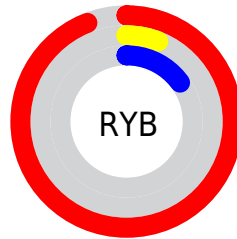
The YUV color **84.7830, -23.5570, 136.1253** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **170.2170, 23.5570, -136.1253**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7600, -28.9687, 98.4345**, and **52.0260, -25.6488, 106.9712** is the 20% darker color. If you saturate the color by 10%, you get **74.3820, -25.3313, 145.2470**, and if you desaturate by 10%, it is **101.3790, -20.8928, 121.5706**.

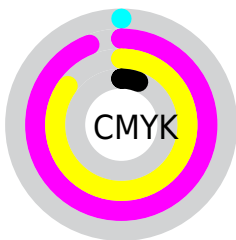
Distribution



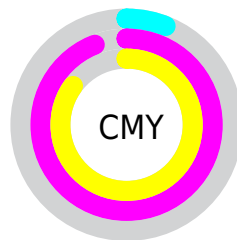
- Red (94%)
- Green (6%)
- Blue (15%)



- Red (94%)
- Yellow (6%)
- Blue (15%)



- Cyan (0%)
- Magenta (94%)
- Yellow (85%)
- Black (6%)





- Cyan (6%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.7830, -23.5570, 136.1253 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 84.7830, -23.5570, 136.1253 by changing the saturation by 10% instead.


 84.7830, -23.5570,
136.1253

 84.7830, -23.5570,
136.1253


255.0000, 0.0000,
0.0000

 63.4890, -24.3981,
125.8591


 142.7600,
-28.9687, 98.4345

 52.0260, -25.6488,
106.9712


 163.8070,
-27.0199, 79.9763


 42.1590, -20.7844,
86.6836


 184.3810,
-24.3448, 61.9329

 32.8190, -15.1938,
66.8107

 204.9550,
-21.6698, 43.8895

 24.0770, -9.8980,
48.1675

 225.7570,
-18.1212, 25.6461

 14.2810, -6.0545,
28.6946

 246.5590,

 0.0000, 0.0000,

-14.5726, 7.4028

0.0000

253.8600, -4.3680,
0.9998

84.7830, -23.5570,
136.1253

84.7830, -23.5570,
136.1253

74.3820, -25.3313,
145.2470

101.3790,
-20.8928, 121.5706

117.8610,
-18.6655, 107.1159

134.4570,
-16.0013, 92.5612

151.0530,
-13.3371, 78.0065

167.5350,
-11.1098, 63.5518

■ 184.1310, -8.4456,
48.9971

■ 200.7270, -5.7814,
34.4424

■ 217.2090, -3.5540,
19.9877

■ 233.8050, -0.8899,
5.4330

Harmonies

Analogous

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



88.0450, 12.7958, 142.9115



84.7830, -23.5570, 136.1253



111.1570, -54.8004, 77.0383

Triad

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



84.7830, -23.5570, 136.1253



91.8920, -23.6108, -80.5893



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.



84.7830, -23.5570, 136.1253



170.2170, 23.5570, -136.1253

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.



114.7720, 69.1324, -100.6550



84.7830, -23.5570, 136.1253



103.4570, 13.0857, -90.7318

Square

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



84.7830, -23.5570, 136.1253



95.6460, -47.1535, -42.6625



112.9360, 46.8666, -99.0449



119.7970, 65.1761, 1.9320

Rectangle

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



84.7830, -23.5570, 136.1253



114.1710, -56.2863, 40.1920



112.9360, 46.8666, -99.0449



108.9020, 72.0263, -95.5071

Sweetspot

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



84.7830, -23.5570, 136.1253



206.0270, -7.4083, 42.9493



101.3470, 68.3559, 102.3047



97.6120, -4.7387, 26.6503



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.



84.7830, -23.5570, 136.1253



79.0950, -26.6688, 154.2687



135.1050, -59.2118, 91.9929



111.7020, -1.3321, 7.2773



57.0680, -19.2605, 111.3194



17.3140, -6.0708, 33.9276

Inverse Universe

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



84.7830, -23.5570, 136.1253



79.0950, -26.6688, 154.2687



119.8950, 59.2118, -91.9929



111.7020, -1.3321, 7.2773



57.0680, -19.2605, 111.3194



17.3140, -6.0708, 33.9276

Previews

White Background



This preview shows how the YUV color 84.7830, -23.5570, 136.1253 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 84.7830, -23.5570, 136.1253 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 84.7830, -23.5570, 136.1253

Background



This preview shows how black text looks on a background with the YUV color 84.7830, -23.5570, 136.1253.



This preview shows how white text looks on a background with the YUV color 84.7830, -23.5570,

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

84.7830, -23.5570, 136.1253

Protanopia

118.8190, -28.9978, 14.1907

Deuteranopia

113.5510, -55.9806, 35.4738



Tritanopia

84.3150, -40.5813, 136.5357

Trichromacy



Original Color

84.7830, -23.5570, 136.1253

Protanomaly

106.3760, -26.8074, 58.4292

Deuteranomaly

103.1700, -44.4538, 71.7649

Tritanomaly

84.6230, -34.3241, 136.2656

Monochromacy



Original Color

84.7830, -23.5570, 136.1253

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1310, -8.4456, 48.9971

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7830, -23.5570, 136.1253 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(240, 15, 37)` looks like.

```
.text, #text, p{  
    color:rgb(240, 15, 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(240, 15, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 15, 37) }
```

Border

The CSS property to change the border of an element to YUV 84.7830, -23.5570, 136.1253 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(240, 15, 37) }
```


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

```
.border{ border-color:rgb(240, 15, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 15, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 15, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 15, 37);  
box-shadow:4px 4px 4px 4px rgb(240, 15,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 84.7830, -23.5570, 136.1253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 15, 37) }
```

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

```
.background{ background-color: rgb(240, 15,  
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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