

Converting Colors

YUV(113.7060, -23.5191,
123.9148)

Have a look what the booklet for
YUV(113.7060, -23.5191, 123.9148)
contains.

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Color

**YUV(113.7060, -23.5191,
123.9148)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3342
RGB	255, 51, 66
RGB Percent	100%, 20%, 26%
CMY	0.0000, 0.8000, 0.7412
CMYK	0.00, 0.80, 0.74, 0.00
HSL	356°, 100%, 60%
HSV	356°, 80%, 100%
XYZ	43.4072, 24.0210, 7.5030
YIQ	113.7060, 116.7690, 47.9130

Conversions

Conversions Part 2

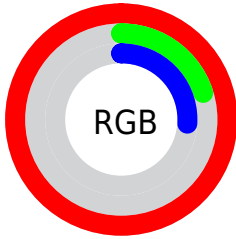
Format	Color
R_{YB}	255, 51, 66
Decimal	16724802
CIE _{Lab}	56.11, 74.23, 42.33
CIE _{LCh}	56, 85.452, 29.694
Yxy	24.0210, 0.5793, 0.3206
Android (android.graphics.Color)	4294914882 (0xFFFF3342)
YUV	113.7060, -23.5191, 123.9148
Hunter-Lab	49.0112, 72.3204, 25.2314

Details

The YUV color **113.7060, -23.5191, 123.9148** 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 **192.2940, 23.5191, -123.9148**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9200, -21.6526, 85.1392**, and **59.0190, -18.2504, 113.9933** is the 20% darker color. If you saturate the color by 10%, you get **95.7080, -26.4780, 139.6991**, and if you desaturate by 10%, it is **131.7040, -20.5601, 108.1306**.

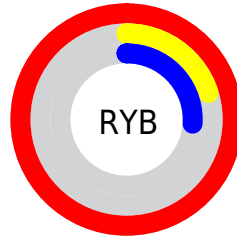
Distribution



Red (100%)

Green (20%)

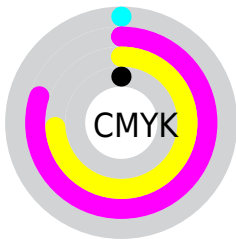
Blue (26%)



Red (100%)

Yellow (20%)

Blue (26%)

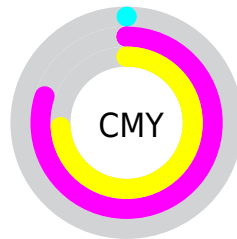


Cyan (0%)

Magenta (80%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.7060, -23.5191, 123.9148 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 113.7060, -23.5191, 123.9148 by changing the saturation by 10% instead.


 113.7060,
-23.5191, 123.9148

 113.7060,
-23.5191, 123.9148


255.0000, 0.0000,
0.0000

 71.3940, -13.5052,
132.0815


 157.9200,
-21.6526, 85.1392


 59.0190, -18.2504,
113.9933


 178.4940,
-18.9775, 67.0958


 46.9430, -23.1429,
96.5200


 198.5950,
-15.5763, 49.4672

 37.3750, -18.4259,
76.8471

 219.2830,
-12.4645, 31.3238

 28.0350, -12.8353,
56.9743

 240.0850, -8.9159,
13.0805

 19.1790, -7.9762,
38.4310

 254.4300, -2.1840,

 8.4860, -3.6906,

0.4999

17.1138

■ 0.0000, 0.0000,
0.0000

■ 113.7060,
-23.5191, 123.9148

■ 113.7060,
-23.5191, 123.9148

■ 95.7080, -26.4780,
139.6991

■ 131.7040,
-20.5601, 108.1306

■ 78.4110, -29.2896,
154.8686

■ 149.0010,
-17.7485, 92.9611

■ 166.9990,
-14.7895, 77.1769

■ 184.4100,
-11.5411, 61.9074

■ 202.2940, -9.0189,
46.2232

■ 219.7050, -5.7706,
30.9537

■ 237.5890, -3.2484,
15.2694

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.



97.9610, 20.2322, 137.7232



113.7060, -23.5191, 123.9148



123.8930, -61.0792, 84.2858

Triad

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



113.7060, -23.5191, 123.9148



100.3210, -24.3153, -87.9815



114.1850, 69.4218, -100.1402

Complementary

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



113.7060, -23.5191, 123.9148



192.2940, 23.5191, -123.9148

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.



122.9900, 65.0809, -107.8622



113.7060, -23.5191, 123.9148



111.9030, 9.9078, -98.1389

Square

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



113.7060, -23.5191, 123.9148



115.2480, -56.8173, -23.0195



121.0400, 42.3783, -106.1521



132.1560, 60.5621, -11.5378

Rectangle

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



113.7060, -23.5191, 123.9148



126.6300, -62.4286, 50.3135



121.0400, 42.3783, -106.1521



117.7070, 67.6854, -103.2290

Sweetspot

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



113.7060, -23.5191, 123.9148



212.6950, -7.2446, 37.1015



130.1690, 61.5417, 94.5678



102.2910, -4.5805, 22.5468



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.



113.7060, -23.5191, 123.9148



85.3070, -28.2524, 148.8208



161.8910, -54.6693, 81.6566



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458

Inverse Universe

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



113.7060, -23.5191, 123.9148



85.3070, -28.2524, 148.8208



144.1090, 54.6693, -81.6566



119.0010, -1.4795, 7.8921



58.7050, -22.0396, 116.0227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 113.7060, -23.5191, 123.9148 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 113.7060, -23.5191, 123.9148 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 113.7060, -23.5191, 123.9148 Background



This preview shows how black text looks on a background with the YUV color 113.7060, -23.5191, 123.9148.



This preview shows how white text looks on a background with the YUV color 113.7060, -23.5191, 123.9148.

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

113.7060, -23.5191, 123.9148

Protanopia

133.5010, -19.9670, 10.9616

Deuteranopia

131.4100, -38.6561, 32.0894



Tritanopia

113.5120, -29.3394, 124.0850

Trichromacy



Original Color

113.7060, -23.5191, 123.9148

Protanomaly

126.1240, -21.2601, 52.5113

Deuteranomaly

125.1120, -33.0862, 65.6768

Tritanomaly

113.3810, -27.3028, 124.1999

Monochromacy



Original Color

113.7060, -23.5191, 123.9148

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8100, -8.2873, 44.8936

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.7060, -23.5191, 123.9148 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, 51, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 66)  
}
```

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, 51, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 66) }
```

Border

The CSS property to change the border of an element to YUV 113.7060, -23.5191, 123.9148 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, 51, 66) }
```


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

```
.border{ border-color:rgb(255, 51, 66) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 113.7060, -23.5191, 123.9148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 66) }
```

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

```
.background{ background-color: rgb(255, 51,  
66) }
```

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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