

Converting Colors

YUV(112.3230, -15.9352,
118.1117)

Have a look what the booklet for
YUV(112.3230, -15.9352, 118.1117)
contains.

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Color

**YUV(112.3230, -15.9352,
118.1117)**

Conversions

Conversions Part 1

Format	Color
Hex	F73250
RGB	247, 50, 80
RGB Percent	97%, 20%, 31%
CMY	0.0314, 0.8039, 0.6863
CMYK	0.00, 0.80, 0.68, 0.03
HSL	351°, 92%, 58%
HSV	351°, 80%, 97%
XYZ	40.9463, 22.6345, 9.8002
YIQ	112.3230, 107.7820, 51.0940

Conversions

Conversions Part 2

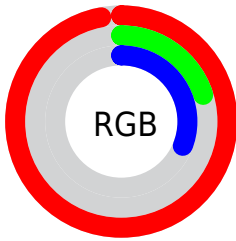
Format	Color
R_{YB}	247, 50, 80
Decimal	16200272
CIE _{Lab}	54.69, 72.91, 32.26
CIE _{LCh}	55, 79.728, 23.864
Yxy	22.6345, 0.5580, 0.3085
Android (android.graphics.Color)	4294390352 (0xFFFF73250)
YUV	112.3230, -15.9352, 118.1117
Hunter-Lab	47.5758, 70.3693, 21.0898

Details

The YUV color **112.3230, -15.9352, 118.1117** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **184.6770, 15.9352, -118.1117**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4560, -14.5218, 84.6691**, and **58.5220, -11.1033, 108.2902** is the 20% darker color. If you saturate the color by 10%, you get **95.2540, -17.8732, 133.0812**, and if you desaturate by 10%, it is **129.3920, -13.9973, 103.1422**.

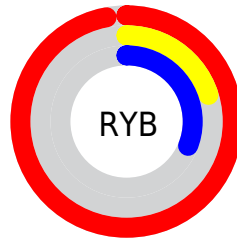
Distribution



Red (97%)

Green (20%)

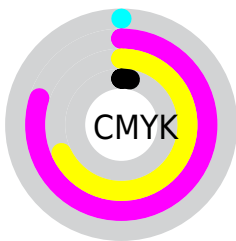
Blue (31%)



Red (97%)

Yellow (20%)

Blue (31%)

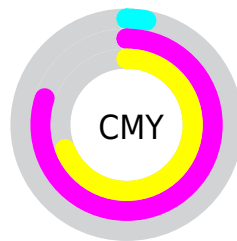


Cyan (0%)

Magenta (80%)

Yellow (68%)

Black (3%)



Cyan (3%)

Magenta (80%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3230, -15.9352, 118.1117 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 112.3230, -15.9352, 118.1117 by changing the saturation by 10% instead.

■ 112.3230,
-15.9352, 118.1117

■ 112.3230,
-15.9352, 118.1117

255.0000, 0.0000,
0.0000

■ 70.7830, -6.7950,
126.4783

■ 158.4560,
-14.5218, 84.6691

■ 58.5220, -11.1033,
108.2902

■ 179.0300,
-11.8468, 66.6257

■ 46.9730, -15.2697,
91.2317

■ 199.7180, -8.7350,
48.4823

■ 35.5810, -17.5414,
73.1585

■ 219.8190, -5.3338,
30.8537

■ 26.5400, -12.0982,
53.9004

■ 240.7350, -1.3484,
12.5104

■ 17.2710, -7.5286,
34.8423

■ 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 112.3230,
-15.9352, 118.1117

■ 112.3230,
-15.9352, 118.1117

■ 95.2540, -17.8732,
133.0812

■ 129.3920,
-13.9973, 103.1422

■ 78.7720, -20.1006,
147.5360

■ 145.8740,
-11.7699, 88.6875

■ 78.1850, -19.8112,
148.0508

■ 162.9430, -9.8319,
73.7180

■ 180.0120, -7.8939,
58.7485

■ 197.0810, -5.9559,
43.7790

■ 213.5630, -3.7286,
29.3242

■ 230.6320, -1.7906,
14.3547

■ 247.7010, 0.1474,
-0.6148

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



112.4220, 17.5400, 114.5169



112.3230, -15.9352, 118.1117



118.8980, -58.6167, 87.7895

Triad

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



112.3230, -15.9352, 118.1117



94.8440, -27.5311, -83.1782



113.5980, 69.7112, -99.6254

Complementary

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



112.3230, -15.9352, 118.1117



184.6770, 15.9352, -118.1117

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.



119.7470, 60.2707, -105.0181



112.3230, -15.9352, 118.1117



106.3290, 3.7818, -93.2505

Square

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



112.3230, -15.9352, 118.1117



115.3360, -56.8606, -9.0647



115.0100, 34.5051, -100.8638



124.6370, 64.2690, -33.8846

Rectangle

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



112.3230, -15.9352, 118.1117



123.4290, -60.8505, 57.5058



115.0100, 34.5051, -100.8638



116.5330, 68.2642, -102.1994

Sweetspot

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



112.3230, -15.9352, 118.1117



213.2650, -5.0606, 36.6016



121.4940, 61.8745, 81.1278



102.6330, -3.2701, 22.2469



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.



112.3230, -15.9352, 118.1117



87.4730, -19.9532, 146.9212



147.6450, -48.1390, 87.1343



113.8160, -0.8953, 7.1774



58.8060, -15.1874, 111.5491



18.6670, -4.7658, 35.3720

Inverse Universe

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



112.3230, -15.9352, 118.1117



87.4730, -19.9532, 146.9212



149.3550, 48.1390, -87.1343



113.8160, -0.8953, 7.1774



58.8060, -15.1874, 111.5491



18.6670, -4.7658, 35.3720

Previews

White Background



This preview shows how the YUV color 112.3230, -15.9352, 118.1117 looks on a white background.

Color Contrast Check

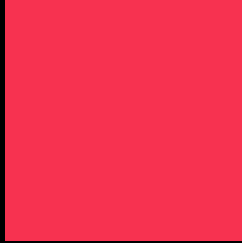
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3230, -15.9352, 118.1117 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 112.3230, -15.9352, 118.1117 Background



This preview shows how black text looks on a background with the YUV color 112.3230, -15.9352, 118.1117.



This preview shows how white text looks on a background with the YUV color 112.3230, -15.9352, 118.1117.

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

112.3230, -15.9352, 118.1117

Protanopia

130.8130, -9.7678, 6.3030

Deuteranopia

129.3800, -29.7673, 27.7307



Tritanopia

112.2230, -27.7179, 117.3224

Trichromacy



Original Color

112.3230, -15.9352, 118.1117

Protanomaly

124.4960, -12.0765, 46.9230

Deuteranomaly

123.2560, -24.7762, 60.2885

Tritanomaly

112.0750, -23.2080, 117.4522

Monochromacy



Original Color

112.3230, -15.9352, 118.1117

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7820, -5.8085, 43.1642

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3230, -15.9352, 118.1117 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(247, 50, 80)` looks like.

```
.text, #text, p{  
    color:rgb(247, 50, 80)  
}
```

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(247, 50, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 50, 80) }
```

Border

The CSS property to change the border of an element to YUV 112.3230, -15.9352, 118.1117 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(247, 50, 80) }
```


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

```
.border{ border-color:rgb(247, 50, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 50, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 50, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 50, 80);  
box-shadow:4px 4px 4px 4px rgb(247, 50,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 112.3230, -15.9352, 118.1117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 50, 80) }
```

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

```
.background{ background-color: rgb(247, 50,  
80) }
```

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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