

Converting Colors

YUV(122.3090, -24.8023,
115.4930)

Have a look what the booklet for
YUV(122.3090, -24.8023, 115.4930)
contains.

YUV(122.3090, -24.8023, 115.4930)	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(122.3090, -24.8023,
115.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4148
RGB	254, 65, 72
RGB Percent	100%, 25%, 28%
CMY	0.0039, 0.7451, 0.7176
CMYK	0.00, 0.74, 0.72, 0.00
HSL	358°, 99%, 63%
HSV	358°, 74%, 100%
XYZ	43.9330, 25.3193, 8.7025
YIQ	122.3090, 110.3970, 42.2450

Conversions

Conversions Part 2

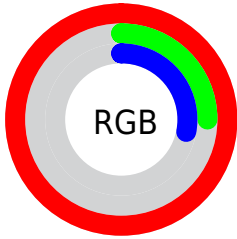
Format	Color
R_YB	254, 65, 72
Decimal	16662856
CIE Lab	57.39, 70.28, 40.38
CIE LCh	57, 81.050, 29.878
Yxy	25.3193, 0.5636, 0.3248
Android (android.graphics.Color)	4294852936 (0xFFFE4148)
YUV	122.3090, -24.8023, 115.4930
Hunter-Lab	50.3183, 67.7919, 24.9687

Details

The YUV color **122.3090, -24.8023, 115.4930** 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 **196.6910, 24.8023, -115.4930**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0010, -21.1995, 79.8061**, and **59.7030, -15.6296, 113.3935** is the 20% darker color. If you saturate the color by 10%, you get **104.8980, -28.0507, 130.7625**, and if you desaturate by 10%, it is **139.7200, -21.5540, 100.2236**.

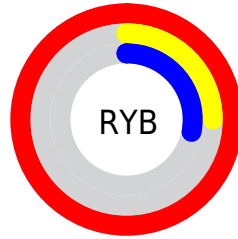
Distribution



Red (100%)

Green (25%)

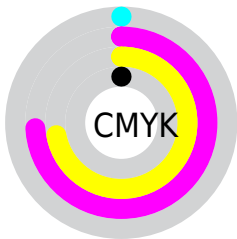
Blue (28%)



Red (100%)

Yellow (25%)

Blue (28%)

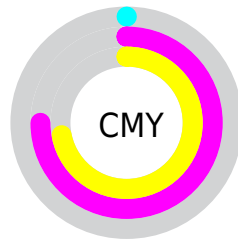


Cyan (0%)

Magenta (74%)

Yellow (72%)

Black (0%)



Cyan (0%)


Magenta (75%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.3090, -24.8023, 115.4930 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 122.3090, -24.8023, 115.4930 by changing the saturation by 10% instead.


 122.3090,
-24.8023, 115.4930

 122.3090,
-24.8023, 115.4930


255.0000, 0.0000,
0.0000

 85.7530, -18.1192,
118.6116


 164.0010,
-21.1995, 79.8061


 59.7030, -15.6296,
113.3935


 184.5750,
-18.5245, 61.7627


 47.5130, -20.9589,
96.0201


 204.5620,
-15.5601, 44.2341

 37.3750, -18.4259,
76.8471

 225.3640,
-12.0115, 25.9908

 28.2200, -13.4195,
57.6891

 246.1660, -8.4628,
7.7474

 19.4780, -8.1237,
39.0458

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 122.3090,
-24.8023, 115.4930

■ 122.3090,
-24.8023, 115.4930

■ 104.8980,
-28.0507, 130.7625

■ 139.7200,
-21.5540, 100.2236

■ 86.7860, -31.4465,
146.6467

■ 157.8320,
-18.1582, 84.3393

■ 76.9720, -33.5102,
155.2536

■ 175.2430,
-14.9098, 69.0699

■ 193.3550,
-11.5140, 53.1857

■ 210.7660, -8.2656,
37.9162

■ 228.2910, -4.5805,
22.5468

■ 246.2890, -1.6215,
6.7625

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



117.5600, 11.5559, 120.5349



122.3090, -24.8023, 115.4930



127.7140, -62.9630, 81.8118

Triad

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



122.3090, -24.8023, 115.4930



102.5210, -20.9629, -89.9109



115.3590, 68.8430, -101.1698

Complementary

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



122.3090, -24.8023, 115.4930



196.6910, 24.8023, -115.4930

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.



124.1640, 64.5021, -108.8918



122.3090, -24.8023, 115.4930



114.0060, 10.3500, -99.9833

Square

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



122.3090, -24.8023, 115.4930



119.1020, -58.7173, -20.2605



122.2140, 41.7995, -107.1817



136.8960, 58.2253, -8.6788

Rectangle

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



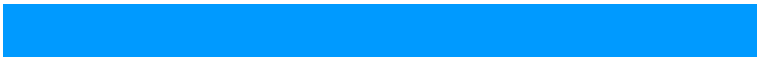
122.3090, -24.8023, 115.4930



129.5760, -63.8810, 49.4838



122.2140, 41.7995, -107.1817



119.4680, 66.8173, -104.7734

Sweetspot

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



122.3090, -24.8023, 115.4930



215.9720, -7.3812, 34.2276



140.3660, 56.0216, 91.7640



104.3940, -4.1382, 20.7025



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.



122.3090, -24.8023, 115.4930



96.7850, -29.9670, 138.7546



171.4060, -52.4582, 72.4349



118.8870, -1.9163, 7.9921



57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Inverse Universe

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



122.3090, -24.8023, 115.4930



96.7850, -29.9670, 138.7546



147.5940, 52.4582, -72.4349



118.8870, -1.9163, 7.9921



57.9070, -25.0972, 116.7226



19.3640, -8.5605, 39.1458

Previews

White Background



This preview shows how the YUV color 122.3090, -24.8023, 115.4930 looks on a white background.

Color Contrast Check

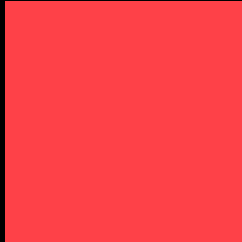
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.3090, -24.8023, 115.4930 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 122.3090, -24.8023, 115.4930 Background



This preview shows how black text looks on a background with the YUV color 122.3090, -24.8023, 115.4930.



This preview shows how white text looks on a background with the YUV color 122.3090, -24.8023, 115.4930.

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

122.3090, -24.8023, 115.4930

Protanopia

136.6150, -19.5302, 10.8616

Deuteranopia

134.9800, -36.4721, 31.5895



Tritanopia

122.4400, -26.8389, 115.3781

Trichromacy



Original Color

122.3090, -24.8023, 115.4930

Protanomaly

131.1020, -21.2493, 49.0225

Deuteranomaly

130.3180, -32.2018, 61.9881

Tritanomaly

122.5540, -26.4021, 115.2781

Monochromacy



Original Color

122.3090, -24.8023, 115.4930

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9730, -8.8607, 42.1197

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.3090, -24.8023, 115.4930 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(254, 65, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 65, 72)  
}
```

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(254, 65, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 65, 72) }
```

Border

The CSS property to change the border of an element to YUV 122.3090, -24.8023, 115.4930 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(254, 65, 72) }
```


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

```
.border{ border-color:rgb(254, 65, 72) }
```

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

Here you see how a box with a 4 pixel rgb(254, 65, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 65, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 65, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 65,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 122.3090, -24.8023, 115.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 65, 72) }
```

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

```
.background{ background-color: rgb(254, 65,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor