

Converting Colors

YUV(122.2320, -24.7644,
103.2825)

Have a look what the booklet for
YUV(122.2320, -24.7644, 103.2825)
contains.

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Color

**YUV(122.2320, -24.7644,
103.2825)**

Conversions

Conversions Part 1

Format	Color
Hex	F04848
RGB	240, 72, 72
RGB Percent	94%, 28%, 28%
CMY	0.0588, 0.7176, 0.7176
CMYK	0.00, 0.70, 0.70, 0.06
HSL	0°, 85%, 61%
HSV	0°, 70%, 94%
XYZ	39.4222, 23.6279, 8.6137
YIQ	122.2320, 100.1280, 35.6160

Conversions

Conversions Part 2

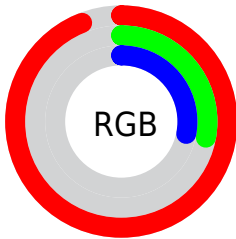
Format	Color
R_{YB}	240, 72, 72
Decimal	15747144
CIE _{Lab}	55.71, 63.77, 37.79
CIE _{LCh}	56, 74.127, 30.648
Yxy	23.6279, 0.5501, 0.3297
Android (android.graphics.Color)	4293937224 (0xFFFF04848)
YUV	122.2320, -24.7644, 103.2825
Hunter-Lab	48.6085, 59.7013, 23.5194

Details

The YUV color **122.2320, -24.7644, 103.2825** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **189.7680, 24.7644, -103.2825**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3490, -22.3571, 77.7469**, and **55.8160, -13.7133, 105.4014** is the 20% darker color. If you saturate the color by 10%, you get **105.4080, -28.3021, 118.0372**, and if you desaturate by 10%, it is **139.0560, -21.2266, 88.5279**.

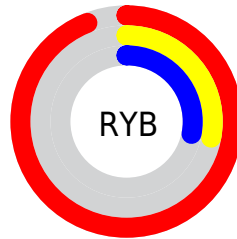
Distribution



Red (94%)

Green (28%)

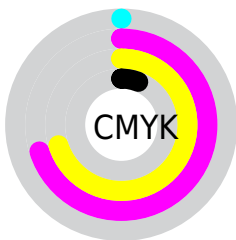
Blue (28%)



Red (94%)

Yellow (28%)

Blue (28%)

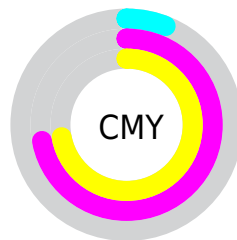


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (6%)



Cyan (6%)

Magenta (72%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.2320, -24.7644, 103.2825 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 122.2320, -24.7644, 103.2825 by changing the saturation by 10% instead.

■ 122.2320,
-24.7644, 103.2825

■ 122.2320,
-24.7644, 103.2825

255.0000, 0.0000,
0.0000

■ 90.6710, -20.5438,
102.8975

■ 166.3490,
-22.3571, 77.7469

■ 55.8160, -13.7133,
105.4014

■ 186.3360,
-19.3926, 60.2183

■ 43.9250, -19.1900,
88.6428

■ 206.3230,
-16.4282, 42.6897

■ 34.0860, -16.8044,
70.0846

■ 226.5380,
-12.5902, 24.9612

■ 24.9310, -11.7980,
50.9265

■ 247.3400, -9.0416,
6.7178

■ 16.3740, -7.0864,
32.9980

■ 1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,
0.0000

■ 122.2320,
-24.7644, 103.2825

■ 122.2320,
-24.7644, 103.2825

■ 105.4080,
-28.3021, 118.0372

■ 139.0560,
-21.2266, 88.5279

■ 88.5840, -31.8399,
132.7918

■ 155.8800,
-17.6888, 73.7732

■ 71.7600, -35.3777,
147.5465

■ 172.7040,
-14.1511, 59.0186

■ 189.5280,
-10.6133, 44.2639

■ 206.3520, -7.0755,
29.5093

223.1760, -3.5378,
14.7546

240.0000, 0.0000,
0.0000

250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



120.9190, 6.9419, 107.0650



122.2320, -24.7644, 103.2825



124.1260, -61.1941, 74.4345

Triad

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



122.2320, -24.7644, 103.2825



99.6830, -16.6057, -87.4220



111.8370, 70.5794, -98.0810

Complementary

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



122.2320, -24.7644, 103.2825



189.7680, 24.7644, -103.2825

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.



119.6160, 62.3073, -104.9032



122.2320, -24.7644, 103.2825



109.6690, 11.5022, -96.1797

Square

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



122.2320, -24.7644, 103.2825



115.2810, -56.8335, -17.7864



117.0790, 39.8941, -102.6783



134.0060, 54.7200, -4.3903

Rectangle

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



122.2320, -24.7644, 103.2825



126.0100, -62.1229, 45.5952



117.0790, 39.8941, -102.6783



115.3590, 68.8430, -101.1698

Sweetspot

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



122.2320, -24.7644, 103.2825



217.1460, -7.9600, 33.1980



141.3840, 48.6177, 86.4862



105.5680, -4.7170, 19.6729



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.



122.2320, -24.7644, 103.2825



104.9860, -31.5451, 131.5623



171.5400, -49.0732, 60.0394



111.5880, -1.7689, 7.3773



55.0160, -27.1229, 113.1190



16.7440, -8.2548, 34.4275

Inverse Universe

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



189.7680, 24.7644, -103.2825



191.0140, 31.5451, -131.5623



140.4600, 49.0732, -60.0394



116.4120, 1.7689, -7.3773



128.9840, 27.1229, -113.1190



39.2560, 8.2548, -34.4275

Previews

White Background



This preview shows how the YUV color 122.2320, -24.7644, 103.2825 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 122.2320, -24.7644, 103.2825 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 122.2320, -24.7644, 103.2825 Background



This preview shows how black text looks on a background with the YUV color 122.2320, -24.7644, 103.2825.



This preview shows how white text looks on a background with the YUV color 122.2320, -24.7644, 103.2825.

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

122.2320, -24.7644, 103.2825

Protanopia

132.4300, -18.9460, 10.1469

Deuteranopia

130.9520, -33.9933, 29.8601



Tritanopia

122.5740, -23.4540, 102.9826

Trichromacy



Original Color

122.2320, -24.7644, 103.2825

Protanomaly

128.4820, -20.9436, 44.3043

Deuteranomaly

127.7410, -30.4383, 56.3551

Tritanomaly

122.4600, -23.8908, 103.0826

Monochromacy



Original Color

122.2320, -24.7644, 103.2825

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2390, -8.9918, 37.5014

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.2320, -24.7644, 103.2825 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, 72, 72)` looks like.

```
.text, #text, p{  
    color:rgb(240, 72, 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(240, 72, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 72, 72) }
```

Border

The CSS property to change the border of an element to YUV 122.2320, -24.7644, 103.2825 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, 72, 72) }
```


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

```
.border{ border-color:rgb(240, 72, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 72, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 72, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 72, 72);  
box-shadow:4px 4px 4px 4px rgb(240, 72,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 122.2320, -24.7644, 103.2825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 72, 72) }
```

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

```
.background{ background-color: rgb(240, 72,  
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](#).

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