

Converting Colors

YUV(123.3730, -25.3269,
97.0199)

Have a look what the booklet for
YUV(123.3730, -25.3269, 97.0199)
contains.

YUV(123.3730, -25.3269, 97.0199)	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(123.3730, -25.3269,
97.0199)**

Conversions

Conversions Part 1

Format	Color
Hex	EA4D48
RGB	234, 77, 72
RGB Percent	92%, 30%, 28%
CMY	0.0824, 0.6980, 0.7176
CMYK	0.00, 0.67, 0.69, 0.08
HSL	2°, 79%, 60%
HSV	2°, 69%, 92%
XYZ	37.7553, 23.2681, 8.6322
YIQ	123.3730, 95.1770, 31.7290

Conversions

Conversions Part 2

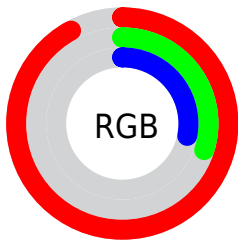
Format	Color
RYB	234, 77, 72
Decimal	15355208
CIELab	55.35, 60.02, 37.09
CIElCh	55, 70.556, 31.719
Yxy	23.2681, 0.5420, 0.3340
Android (android.graphics.Color)	4293545288 (0xFFEA4D48)
YUV	123.3730, -25.3269, 97.0199
Hunter-Lab	48.2370, 55.2979, 23.1558

Details

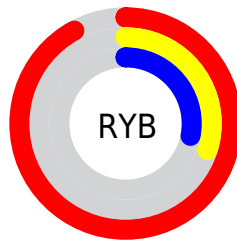
The YUV color **123.3730, -25.3269, 97.0199** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **182.6270, 25.3269, -97.0199**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6970, -23.5146, 75.6877**, and **54.3210, -12.9763, 102.3275** is the 20% darker color. If you saturate the color by 10%, you get **107.2500, -28.7172, 111.1598**, and if you desaturate by 10%, it is **139.4960, -21.9365, 82.8800**.

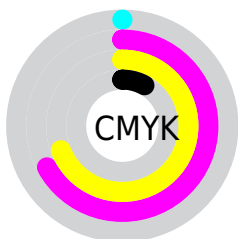
Distribution



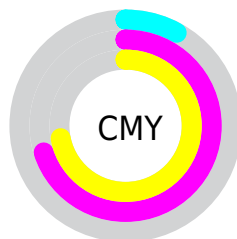
- Red (92%)
- Green (30%)
- Blue (28%)



- Red (92%)
- Yellow (30%)
- Blue (28%)



- Cyan (0%)
- Magenta (67%)
- Yellow (69%)
- Black (8%)





- Cyan (8%)
- Magenta (70%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.3730, -25.3269, 97.0199 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 123.3730, -25.3269, 97.0199 by changing the saturation by 10% instead.


 123.3730,
-25.3269, 97.0199

 123.3730,
-25.3269, 97.0199


255.0000, 0.0000,
0.0000

 92.9860, -21.6851,
95.6053


 168.6970,
-23.5146, 75.6877

 54.3210, -12.9763,
102.3275


 188.0970,
-20.2608, 58.6739


 42.4300, -18.4530,
85.5689


 208.1980,
-16.8596, 41.0454

 32.5910, -16.0674,
67.0107

 228.2990,
-13.4584, 23.4168

 23.7350, -11.2084,
48.4674

 249.1010, -9.9098,
5.1734

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 123.3730,
-25.3269, 97.0199

■ 123.3730,
-25.3269, 97.0199

■ 107.2500,
-28.7172, 111.1598

■ 139.4960,
-21.9365, 82.8800

■ 91.6000, -32.8338,
124.8848

■ 155.1460,
-17.8200, 69.1550

■ 75.4770, -36.2242,
139.0247

■ 171.2690,
-14.4296, 55.0151

■ 74.0750, -36.5190,
140.2542

■ 187.5060,
-10.6025, 40.7752

■ 203.0420, -6.9227,
27.1502

■ 219.1650, -3.5323,
13.0103

■ 235.4020, 0.2948,
-1.2296

■ 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



122.6040, 4.6322, 101.2023



123.3730, -25.3269, 97.0199



124.4890, -58.4151, 69.7311

Triad

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



123.3730, -25.3269, 97.0199



99.6660, -14.1323, -87.4071



110.6630, 71.1581, -97.0515

Complementary

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



123.3730, -25.3269, 97.0199



182.6270, 25.3269, -97.0199

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.



117.1710, 60.5547, -102.7590



123.3730, -25.3269, 97.0199



109.1960, 12.2284, -95.7649

Square

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



123.3730, -25.3269, 97.0199



114.3950, -56.3967, -17.8864



115.6770, 39.5992, -101.4487



133.8170, 51.3622, -0.7165

Rectangle

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



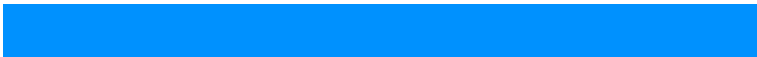
123.3730, -25.3269, 97.0199



124.8140, -61.5333, 43.1361



115.6770, 39.5992, -101.4487



114.0710, 68.9850, -100.0403

Sweetspot

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



123.3730, -25.3269, 97.0199



218.3200, -8.5388, 32.1684



138.5640, 45.5709, 83.6974



106.1550, -5.0064, 19.1581



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.



123.3730, -25.3269, 97.0199



110.4970, -33.2760, 126.7291



169.7460, -48.1888, 56.3508



109.2890, -1.6215, 6.7625



57.6410, -28.4170, 108.1858



17.3200, -8.5388, 32.1684

Inverse Universe

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



182.6270, 25.3269, -97.0199



187.5030, 33.2760, -126.7291



136.2540, 48.1888, -56.3508



113.7110, 1.6215, -6.7625



123.3590, 28.4170, -108.1858



36.6800, 8.5388, -32.1684

Previews

White Background



This preview shows how the YUV color 123.3730, -25.3269, 97.0199 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 123.3730, -25.3269, 97.0199 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 123.3730, -25.3269, 97.0199

Background



This preview shows how black text looks on a background with the YUV color 123.3730, -25.3269, 97.0199.



This preview shows how white text looks on a background with the YUV color 123.3730, -25.3269, 97.0199.

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

123.3730, -25.3269, 97.0199

Protanopia

131.6150, -19.5302, 10.8616

Deuteranopia

130.7670, -33.4091, 29.1453



Tritanopia

123.6980, -21.5431, 96.7349

Trichromacy



Original Color

123.3730, -25.3269, 97.0199

Protanomaly

128.9440, -21.6644, 42.1451

Deuteranomaly

128.0180, -30.5749, 53.4812

Tritanomaly

123.3560, -22.8535, 97.0348

Monochromacy



Original Color

123.3730, -25.3269, 97.0199

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8150, -9.2758, 35.2422

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3730, -25.3269, 97.0199 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(234, 77, 72)` looks like.

```
.text, #text, p{  
    color:rgb(234, 77, 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(234, 77, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 77, 72) }
```

Border

The CSS property to change the border of an element to YUV 123.3730, -25.3269, 97.0199 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(234, 77, 72) }
```


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

```
.border{ border-color:rgb(234, 77, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 77, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 77, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 77, 72);  
box-shadow:4px 4px 4px 4px rgb(234, 77,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 123.3730, -25.3269, 97.0199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 77, 72) }
```

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

```
.background{ background-color: rgb(234, 77,  
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