

# Converting Colors

YUV(114.2090, -23.2740,  
91.9017)

Have a look what the booklet for  
YUV(114.2090, -23.2740, 91.9017)  
contains.

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# Color

**YUV(114.2090, -23.2740,  
91.9017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB4643
RGB	219, 70, 67
RGB Percent	86%, 27%, 26%
CMY	0.1412, 0.7255, 0.7373
CMYK	0.00, 0.68, 0.69, 0.14
HSL	1°, 68%, 56%
HSV	1°, 69%, 86%
XYZ	32.4167, 19.8456, 7.4322
YIQ	114.2090, 89.7670, 30.6550

# Conversions

## Conversions Part 2

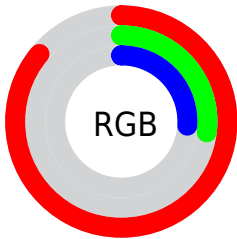
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">219, 70, 67</a>
Decimal	<a href="#">14370371</a>
CIELab	<a href="#">51.66, 57.69, 34.92</a>
CIELCh	<a href="#">52, 67.438, 31.188</a>
Yxy	<a href="#">19.8456, 0.5430, 0.3325</a>
Android (android.graphics.Color)	<a href="#">4292560451</a> ( <a href="#">0xFFDB4643</a> )
YUV	<a href="#">114.2090, -23.2740, 91.9017</a>
Hunter-Lab	<a href="#">44.5484, 51.9299, 21.2923</a>

# Details

The YUV color **114.2090, -23.2740, 91.9017** 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 **171.7910, 23.2740, -91.9017**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3170, -23.8203, 80.4060**, and **49.5650, -13.0965, 94.2205** is the 20% darker color. If you saturate the color by 10%, you get **99.3740, -26.8064, 104.9120**, and if you desaturate by 10%, it is **129.0440, -19.7417, 78.8914**.

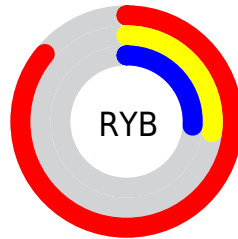
# Distribution



Red (86%)

Green (27%)

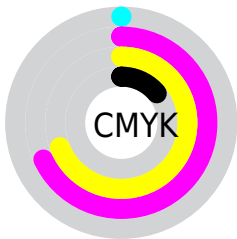
Blue (26%)



Red (86%)

Yellow (27%)

Blue (26%)

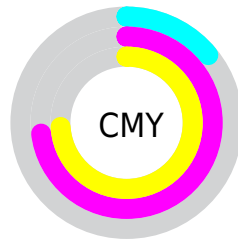


Cyan (0%)

Magenta (68%)

Yellow (69%)

Black (14%)



Cyan (14%)

Magenta (73%)


Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 114.2090, -23.2740, 91.9017 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 114.2090, -23.2740, 91.9017 by changing the saturation by 10% instead.





 114.2090,  
-23.2740, 91.9017


 114.2090,  
-23.2740, 91.9017


255.0000, 0.0000,  
0.0000


 84.1210, -19.7797,  
91.1019


 163.3170,  
-23.8203, 80.4060


 49.5650, -13.0965,  
94.2205


 182.7170,  
-20.5665, 63.3922


 37.6740, -18.5733,  
77.4619


 202.8180,  
-17.1653, 45.7636

 28.4050, -14.0037,  
58.4038

 222.9190,  
-13.7641, 28.1350

 20.2610, -9.0027,  
40.9901

 243.1340, -9.9261,  
10.4065

 10.5790, -4.7224,  
21.4172

254.6580, -1.3104,

 0.0000, 0.0000,

0.2999

0.0000

■ 114.2090,  
-23.2740, 91.9017

■ 114.2090,  
-23.2740, 91.9017

■ 99.3740, -26.8064,  
104.9120

■ 129.0440,  
-19.7417, 78.8914

■ 83.9520, -30.0493,  
118.4371

■ 144.4660,  
-16.4987, 65.3663

■ 69.1170, -33.5817,  
131.4474

■ 159.3010,  
-12.9664, 52.3560

■ 67.8290, -33.4397,  
132.5770

■ 174.7230, -9.7234,  
38.8309

■ 189.5580, -6.1911,  
25.8206

■ 204.8660, -3.3849,  
12.3955

■ 219.7010, 0.1474,  
-0.6148

■ 235.1230, 3.3904,  
-14.1399

■ 244.2360, 5.3067,  
-22.1320

# Harmonies

## Analogous

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



113.2720, 4.7959, 95.3545



114.2090, -23.2740, 91.9017



115.2050, -54.3311, 66.4722

# Triad

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



114.2090, -23.2740, 91.9017



92.4110, -14.0066, -81.0444



103.6700, 67.2107, -90.9186

# Complementary

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



114.2090, -23.2740, 91.9017



171.7910, 23.2740, -91.9017

# 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.



109.4770, 56.4598, -96.0113



114.2090, -23.2740, 91.9017



101.5990, 11.0437, -89.1023

# Square

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



114.2090, -23.2740, 91.9017



106.7310, -52.6184, -16.4271



107.6240, 36.6674, -94.3862



124.7090, 48.4575, -2.3758



# Rectangle

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



114.2090, -23.2740, 91.9017



116.2420, -57.3073, 41.0068



107.6240, 36.6674, -94.3862



106.3770, 64.8901, -93.2926

# Sweetspot

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



114.2090, -23.2740, 91.9017



218.3200, -8.5388, 32.1684



129.4340, 42.6770, 78.5494



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.



114.2090, -23.2740, 91.9017



109.3230, -32.6972, 127.7587



158.8210, -45.2678, 52.7770



102.2890, -1.6215, 6.7625



53.4880, -26.3696, 104.8120



14.3410, -7.0701, 27.7649



# Inverse Universe

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



171.7910, 23.2740, -91.9017



189.2640, 32.4078, -128.2735



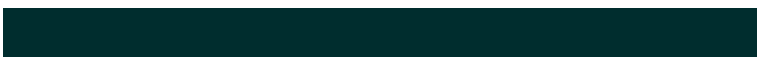
127.1790, 45.2678, -52.7770



106.1240, 1.9109, -6.2477



119.5120, 26.3696, -104.8120



31.6590, 7.0701, -27.7649



# Previews

## White Background



This preview shows how the YUV color 114.2090, -23.2740, 91.9017 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 114.2090, -23.2740, 91.9017 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 114.2090, -23.2740, 91.9017

## Background



This preview shows how black text looks on a background with the YUV color 114.2090, -23.2740, 91.9017.



This preview shows how white text looks on a background with the YUV color 114.2090, -23.2740, 91.9017.



# 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

114.2090, -23.2740, 91.9017

### Protanopia

122.6580, -18.0724, 9.9469

### Deuteranopia

121.6250, -31.3671, 27.5159



## Tritanopia

114.3060, -20.3639, 91.8166

# Trichromacy



## Original Color

114.2090, -23.2740, 91.9017

## Protanomaly

119.3890, -19.9118, 40.0008

## Deuteranomaly

119.1640, -28.6749, 50.7222

## Tritanomaly

114.0780, -21.2375, 92.0166

# Monochromacy



## Original Color

114.2090, -23.2740, 91.9017

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

114.0320, -8.3968, 33.2979

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.2090, -23.2740, 91.9017 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(219, 70, 67)` looks like.

```
.text, #text, p{  
    color:rgb(219, 70, 67)  
}
```

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(219, 70, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 70, 67) }
```

## Border

The CSS property to change the border of an element to YUV 114.2090, -23.2740, 91.9017 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(219, 70, 67) }
```



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

```
.border{ border-color:rgb(219, 70, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 70, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 70, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 70, 67);  
box-shadow:4px 4px 4px 4px rgb(219, 70,  
67) }
```

# Background

The CSS property to change the background color of an element to YUV 114.2090, -23.2740, 91.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 70, 67) }
```

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

```
.background{ background-color: rgb(219, 70,  
67) }
```

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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