

# Converting Colors

YUV(90.3930, -12.0257,  
124.1893)

Have a look what the booklet for  
YUV(90.3930, -12.0257, 124.1893)  
contains.

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# Color

**YUV(90.3930, -12.0257,  
124.1893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E81742
RGB	232, 23, 66
RGB Percent	91%, 9%, 26%
CMY	0.0902, 0.9098, 0.7412
CMYK	0.00, 0.90, 0.72, 0.09
HSL	348°, 82%, 50%
HSV	348°, 90%, 91%
XYZ	34.5685, 18.1619, 6.8379
YIQ	90.3930, 110.7610, 57.6810

# Conversions

## Conversions Part 2

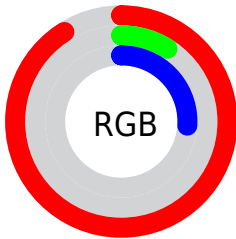
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 23, 66
Decimal	15210306
CIE Lab	49.69, 73.75, 33.76
CIE LCh	50, 81.110, 24.600
Yxy	18.1619, 0.5803, 0.3049
Android (android.graphics.Color)	4293400386 (0xFFE81742)
YUV	90.3930, -12.0257, 124.1893
Hunter-Lab	42.6168, 70.2101, 20.3187

# Details

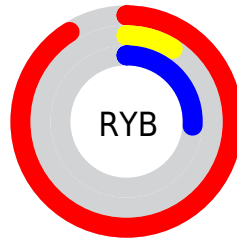
The YUV color **90.3930, -12.0257, 124.1893** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **164.6070, 12.0257, -124.1893**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3540, -16.4435, 94.4055**, and **52.6690, -14.1338, 100.2683** is the 20% darker color. If you saturate the color by 10%, you get **74.8400, -13.2321, 137.8293**, and if you desaturate by 10%, it is **105.9460, -10.8194, 110.5494**.

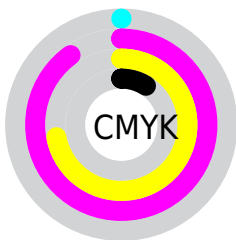
# Distribution



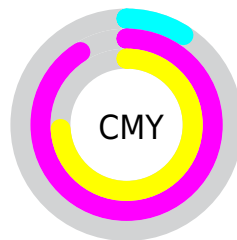
- Red (91%)
- Green (9%)
- Blue (26%)



- Red (91%)
- Yellow (9%)
- Blue (26%)



- Cyan (0%)
- Magenta (90%)
- Yellow (72%)
- Black (9%)




- Cyan (9%)
- Magenta (91%)
- Yellow (74%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.3930, -12.0257, 124.1893 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 90.3930, -12.0257, 124.1893 by changing the saturation by 10% instead.




 90.3930, -12.0257,  
124.1893


 90.3930, -12.0257,  
124.1893


255.0000, 0.0000,  
0.0000


 64.8160, -10.2623,  
118.5564


 147.3540,  
-16.4435, 94.4055


 52.6690, -14.1338,  
100.2683


 167.8140,  
-14.2053, 76.4621


 40.6640, -20.0474,  
83.6097


 188.5020,  
-11.0935, 58.3187

 31.2100, -14.8935,  
63.8368

 208.6030, -7.6923,  
40.6902

 22.8810, -9.3083,  
45.7084

 229.4050, -4.1437,  
22.4468

 12.6720, -5.7543,  
25.7207

 250.2070, -0.5951,

 0.0000, 0.0000,

4.2035

0.0000

■ 90.3930, -12.0257,  
124.1893

■ 90.3930, -12.0257,  
124.1893

■ 74.8400, -13.2321,  
137.8293

■ 105.9460,  
-10.8194, 110.5494

■ 121.6130, -9.1762,  
96.8094

■ 137.7530, -8.2592,  
82.6546

■ 153.4200, -6.6161,  
68.9147

■ 168.9730, -5.4097,  
55.2747

■ 184.6400, -3.7665,  
41.5347

■ 200.1930, -2.5601,  
27.8947

■ 216.3330, -1.6432,  
13.7400

■ 232.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



84.0460, 24.6273, 128.0017



90.3930, -12.0257, 124.1893



106.4830, -52.4961, 84.6454

# Triad

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



90.3930, -12.0257, 124.1893



85.5030, -30.3210, -74.9861



105.9670, 73.4733, -92.9331

# Complementary

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



90.3930, -12.0257, 124.1893



164.6070, 12.0257, -124.1893

# 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.



110.2750, 59.5174, -96.7112



90.3930, -12.0257, 124.1893



97.4440, 2.7391, -85.4584

# Square

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



90.3930, -12.0257, 124.1893



103.5080, -51.0294, -12.7235



106.1250, 33.4624, -93.0716



111.0820, 66.0216, -36.0289



# Rectangle

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



90.3930, -12.0257, 124.1893



111.6010, -55.0193, 53.8469



106.1250, 33.4624, -93.0716



109.2610, 70.8633, -95.8219

# Sweetspot

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



90.3930, -12.0257, 124.1893



208.2270, -4.0559, 41.0199



95.8620, 67.1160, 79.9280



100.1710, -2.5493, 24.4060



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.



90.3930, -12.0257, 124.1893



82.1730, -14.8753, 151.5693



120.1240, -47.8821, 98.1153



106.9300, -0.4585, 7.0774



57.7390, -10.2243, 106.3459



16.3890, -3.1498, 30.3538



# Inverse Universe

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



90.3930, -12.0257, 124.1893



82.1730, -14.8753, 151.5693



134.8760, 47.8821, -98.1153



106.9300, -0.4585, 7.0774



57.7390, -10.2243, 106.3459



16.3890, -3.1498, 30.3538



# Previews

## White Background



This preview shows how the YUV color 90.3930, -12.0257, 124.1893 looks on a white 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



# Black Background



This preview shows how the YUV color 90.3930, -12.0257, 124.1893 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 90.3930, -12.0257, 124.1893

## Background



This preview shows how black text looks on a background with the YUV color 90.3930, -12.0257, 124.1893.



This preview shows how white text looks on a background with the YUV color 90.3930, -12.0257,



# 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

90.3930, -12.0257, 124.1893

### Protanopia

118.5850, -10.6414, 6.5030

### Deuteranopia

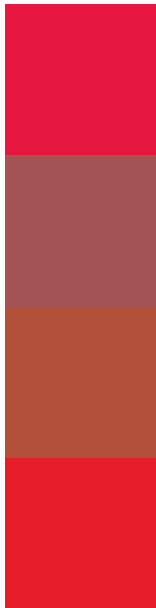
116.4400, -30.7829, 26.8011



## Tritanopia

91.8600, -30.4970, 122.0258

# Trichromacy



## Original Color

90.3930, -12.0257, 124.1893

## Protanomaly

108.4470, -11.0664, 49.5970

## Deuteranomaly

106.7940, -24.0554, 62.4477

## Tritanomaly

90.9940, -23.6610, 122.7853

# Monochromacy



## Original Color

90.3930, -12.0257, 124.1893

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

90.4340, -4.6510, 45.2234

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.3930, -12.0257, 124.1893 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(232, 23, 66)` looks like.

```
.text, #text, p{  
    color:rgb(232, 23, 66)  
}
```

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(232, 23, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 23, 66) }
```

## Border

The CSS property to change the border of an element to YUV 90.3930, -12.0257, 124.1893 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(232, 23, 66) }
```



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

```
.border{ border-color:rgb(232, 23, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 23, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 23, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 23, 66);  
box-shadow:4px 4px 4px 4px rgb(232, 23,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 90.3930, -12.0257, 124.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 23, 66) }
```

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

```
.background{ background-color: rgb(232, 23,  
66) }
```

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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