

# Converting Colors

YUV(86.5240, -14.0623,  
124.0745)

Have a look what the booklet for  
YUV(86.5240, -14.0623, 124.0745)  
contains.

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# Color

**YUV(86.5240, -14.0623,  
124.0745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4143A
RGB	228, 20, 58
RGB Percent	89%, 8%, 23%
CMY	0.1059, 0.9216, 0.7725
CMYK	0.00, 0.91, 0.75, 0.11
HSL	349°, 84%, 49%
HSV	349°, 91%, 89%
XYZ	33.0088, 17.2998, 5.6024
YIQ	86.5240, 111.7700, 55.9140

# Conversions

## Conversions Part 2

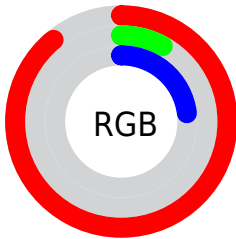
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 20, 58
Decimal	14947386
CIE Lab	48.64, 72.85, 37.05
CIE LCh	49, 81.733, 26.958
Yxy	17.2998, 0.5904, 0.3094
Android (android.graphics.Color)	4293137466 (0xFFE4143A)
YUV	86.5240, -14.0623, 124.0745
Hunter-Lab	41.5930, 68.8723, 21.1290

# Details

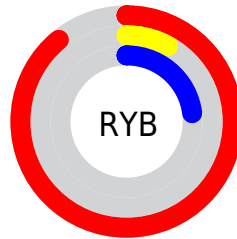
The YUV color **86.5240, -14.0623, 124.0745** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **161.4760, 14.0623, -124.0745**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5670, -19.5065, 96.8497**, and **50.5610, -17.0386, 98.6090** is the 20% darker color. If you saturate the color by 10%, you get **72.9600, -15.2633, 135.9701**, and if you desaturate by 10%, it is **102.1910, -12.4192, 110.3345**.

# Distribution



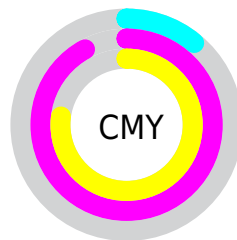
- Red (89%)
- Green (8%)
- Blue (23%)



- Red (89%)
- Yellow (8%)
- Blue (23%)



- Cyan (0%)
- Magenta (91%)
- Yellow (75%)
- Black (11%)




- Cyan (11%)
- Magenta (92%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 86.5240, -14.0623, 124.0745 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 86.5240, -14.0623, 124.0745 by changing the saturation by 10% instead.




 86.5240, -14.0623,  
124.0745

 86.5240, -14.0623,  
124.0745


255.0000, 0.0000,  
0.0000


 62.7080, -13.1670,  
116.8971


 144.5670,  
-19.5065, 96.8497


 50.5610, -17.0386,  
98.6090


 165.6140,  
-17.5577, 78.3915


 39.4680, -19.4577,  
81.1506


 185.7150,  
-14.1565, 60.7629

 30.1280, -13.8671,  
61.2777

 206.2890,  
-11.4815, 42.7195

 21.3860, -8.5713,  
42.6345

 227.0910, -7.9329,  
24.4762

 11.1770, -5.0173,  
22.6468

 247.8930, -4.3842,

 0.0000, 0.0000,

6.2328

0.0000

■ 86.5240, -14.0623,  
124.0745

■ 86.5240, -14.0623,  
124.0745

■ 72.9600, -15.2633,  
135.9701

■ 102.1910,  
-12.4192, 110.3345

■ 117.7440,  
-11.2128, 96.6945

■ 132.8240, -9.2802,  
83.4694

■ 148.4910, -7.6371,  
69.7294

■ 164.0440, -6.4307,  
56.0894

■ 179.7110, -4.7875,  
42.3495

■ 195.2640, -3.5812,  
28.7095

■ 210.3440, -1.6486,  
15.4843

■ 226.0110, -0.0054,  
1.7444

# Harmonies

## Analogous

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



82.8350, 21.2803, 128.1867



86.5240, -14.0623, 124.0745



104.6890, -51.6117, 80.9567

# Triad

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



86.5240, -14.0623, 124.0745



84.7850, -27.9950, -74.3564



103.6190, 74.6308, -90.8739

# Complementary

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



86.5240, -14.0623, 124.0745



161.4760, 14.0623, -124.0745

# 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.



108.6280, 60.8224, -95.2668



86.5240, -14.0623, 124.0745



96.0250, 4.9177, -84.2139

# Square

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



86.5240, -14.0623, 124.0745



99.3440, -48.9766, -17.8417



104.7060, 35.6409, -91.8272



110.6920, 64.2418, -25.1629



# Rectangle

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



86.5240, -14.0623, 124.0745



109.2090, -53.8400, 48.9287



104.7060, 35.6409, -91.8272



106.7990, 71.5841, -93.6627

# Sweetspot

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



86.5240, -14.0623, 124.0745



208.1130, -4.4927, 41.1199



94.5420, 65.7948, 83.7167



100.0570, -2.9861, 24.5060



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.



86.5240, -14.0623, 124.0745



81.6030, -17.0593, 152.0692



120.9340, -49.7605, 93.8969



106.8160, -0.8953, 7.1774



57.2830, -11.9715, 106.7458



16.2750, -3.5866, 30.4538



# Inverse Universe

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



86.5240, -14.0623, 124.0745



81.6030, -17.0593, 152.0692



127.0660, 49.7605, -93.8969



106.8160, -0.8953, 7.1774



57.2830, -11.9715, 106.7458



16.2750, -3.5866, 30.4538



# Previews

## White Background



This preview shows how the YUV color 86.5240, -14.0623, 124.0745 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



## 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 86.5240, -14.0623, 124.0745

## Background



This preview shows how black text looks on a background with the YUV color 86.5240, -14.0623, 124.0745.



This preview shows how white text looks on a background with the YUV color 86.5240, -14.0623, 124.0745.



# 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

86.5240, -14.0623, 124.0745

### Protanopia

115.2710, -14.4306, 8.5323

### Deuteranopia

113.6420, -33.8405, 27.5010



## Tritanopia

87.7460, -30.9338, 122.1258

# Trichromacy



## Original Color

86.5240, -14.0623, 124.0745

## Protanomaly

104.6490, -14.1240, 50.2968

## Deuteranomaly

103.8110, -26.5288, 62.4328

## Tritanomaly

87.3530, -24.8240, 122.4704

# Monochromacy



## Original Color

86.5240, -14.0623, 124.0745

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.9070, -5.3772, 44.8086

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.5240, -14.0623, 124.0745 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(228, 20, 58)` looks like.

```
.text, #text, p{  
    color:rgb(228, 20, 58)  
}
```

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(228, 20, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 20, 58) }
```

## Border

The CSS property to change the border of an element to YUV 86.5240, -14.0623, 124.0745 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(228, 20, 58) }
```



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

```
.border{ border-color:rgb(228, 20, 58) }
```

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

Here you see how a box with a 4 pixel rgb(228, 20, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 20, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 20, 58);  
box-shadow:4px 4px 4px 4px rgb(228, 20,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 86.5240, -14.0623, 124.0745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 20, 58) }
```

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

```
.background{ background-color: rgb(228, 20,  
58) }
```

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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