

# Converting Colors

YUV(87.3210, -26.2873,  
125.1295)

Have a look what the booklet for  
YUV(87.3210, -26.2873, 125.1295)  
contains.

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# Color

**YUV(87.3210, -26.2873,  
125.1295)**

# Conversions

Conversions Part 1	
Format	Color
Hex	E61922
RGB	230, 25, 34
RGB Percent	90%, 10%, 13%
CMY	0.0980, 0.9020, 0.8667
CMYK	0.00, 0.89, 0.85, 0.10
HSL	357°, 80%, 50%
HSV	357°, 89%, 90%
XYZ	33.2695, 17.6337, 3.1635
YIQ	87.3210, 119.2910, 46.2590

# Conversions

## Conversions Part 2

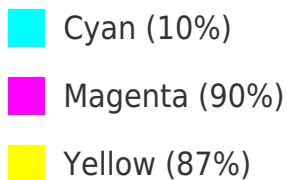
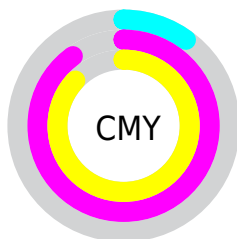
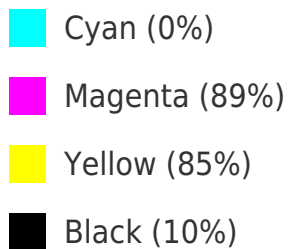
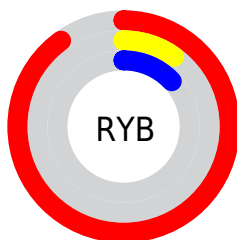
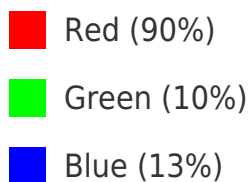
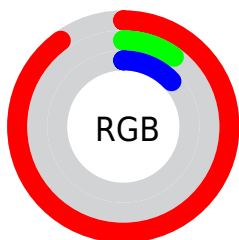
Format	Color
<a href="#">RYB</a>	<a href="#">230, 25, 34</a>
Decimal	<a href="#">15079714</a>
CIELab	<a href="#">49.05, 71.99, 50.67</a>
CIELCh	<a href="#">49, 88.035, 35.138</a>
Yxy	<a href="#">17.6337, 0.6153, 0.3261</a>
Android (android.graphics.Color)	<a href="#">4293269794</a> (0xFFE61922)
YUV	<a href="#">87.3210, -26.2873, 125.1295</a>
Hunter-Lab	<a href="#">41.9926, 67.9334, 24.9281</a>

# Details

The YUV color **87.3210, -26.2873, 125.1295** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **167.6790, 26.2873, -125.1295**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0050, -30.5685, 98.2196**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **71.3120, -29.2408, 139.1694**, and if you desaturate by 10%, it is **103.3300, -23.3337, 111.0896**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the YUV color 87.3210, -26.2873, 125.1295 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 87.3210, -26.2873, 125.1295 by changing the saturation by 10% instead.




 87.3210, -26.2873,  
125.1295


 87.3210, -26.2873,  
125.1295


255.0000, 0.0000,  
0.0000


 60.0430, -24.6712,  
120.1113


 143.0050,  
-30.5685, 98.2196

 49.3350, -24.3222,  
101.4382


 163.4650,  
-28.3302, 80.2762


 39.4680, -19.4577,  
81.1506


 184.0390,  
-25.6552, 62.2328

 30.0140, -14.3039,  
61.3777

 204.0260,  
-22.6908, 44.7042

 21.6850, -8.7187,  
43.2493

 224.7140,  
-19.5790, 26.5608


 11.4760, -5.1647,  
23.2615


 245.5160,


 0.0000, 0.0000,


-16.0304, 8.3175


0.0000


 253.5180, -5.6784,  
1.2997


 87.3210, -26.2873,  
125.1295

 87.3210, -26.2873,  
125.1295


 71.3120, -29.2408,  
139.1694


 103.3300,  
-23.3337, 111.0896

 69.9100, -29.5356,  
140.3989


 119.3390,  
-20.3801, 97.0497

 135.3480,  
-17.4266, 83.0098


 151.3570,  
-14.4730, 68.9699

 167.3660,  
-11.5194, 54.9300

 183.3750, -8.5659,  
40.8901

 199.3840, -5.6123,  
26.8502

 215.3930, -2.6587,  
12.8103

 231.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



84.2570, 11.2123, 137.4636



87.3210, -26.2873, 125.1295



107.8790, -53.1843, 72.0201

# Triad

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



87.3210, -26.2873, 125.1295



89.2990, -20.8534, -78.3152



101.2710, 75.7884, -88.8147

# Complementary

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



87.3210, -26.2873, 125.1295



167.6790, 26.2873, -125.1295

# 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.



111.7230, 70.1426, -97.9811



87.3210, -26.2873, 125.1295



100.2940, 13.6591, -87.9578

# Square

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



87.3210, -26.2873, 125.1295



91.8030, -45.2589, -43.6772



108.7300, 45.9821, -95.3562



116.4940, 61.3815, 5.7058



# Rectangle

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



87.3210, -26.2873, 125.1295



110.3170, -54.3863, 37.4330



108.7300, 45.9821, -95.3562



105.9670, 73.4733, -92.9331

# Sweetspot

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



87.3210, -26.2873, 125.1295



206.9730, -8.8607, 42.1197



106.6750, 60.7992, 99.3860



99.3730, -5.6069, 25.1059



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.



87.3210, -26.2873, 125.1295



77.4990, -32.7840, 155.6684



140.2990, -56.8424, 78.6678



106.7020, -1.3321, 7.2773



54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537



# Inverse Universe

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



87.3210, -26.2873, 125.1295



77.4990, -32.7840, 155.6684



114.7010, 56.8424, -78.6678



106.7020, -1.3321, 7.2773



54.4330, -22.8915, 109.2453



15.4770, -6.6442, 31.1537



# Previews

## White Background



This preview shows how the YUV color 87.3210, -26.2873, 125.1295 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 87.3210, -26.2873, 125.1295 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 87.3210, -26.2873, 125.1295

## Background



This preview shows how black text looks on a background with the YUV color 87.3210, -26.2873, 125.1295.



This preview shows how white text looks on a background with the YUV color 87.3210, -26.2873,



# 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

87.3210, -26.2873, 125.1295

### Protanopia

114.4060, -29.2872, 13.6759

### Deuteranopia

109.7080, -54.0860, 34.4591



## Tritanopia

87.0130, -32.5444, 125.3996

# Trichromacy



## Original Color

87.3210, -26.2873, 125.1295

## Protanomaly

104.3000, -28.2489, 54.1109

## Deuteranomaly

101.5500, -44.1481, 67.0467

## Tritanomaly

86.9960, -30.0710, 125.4145

# Monochromacy



## Original Color

87.3210, -26.2873, 125.1295

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.8810, -9.3083, 45.7084

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.3210, -26.2873, 125.1295 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(230, 25, 34)` looks like.

```
.text, #text, p{  
    color:rgb(230, 25, 34)  
}
```

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(230, 25, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 25, 34) }
```

## Border

The CSS property to change the border of an element to YUV 87.3210, -26.2873, 125.1295 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(230, 25, 34) }
```



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

```
.border{ border-color:rgb(230, 25, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 25, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 25, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 25, 34);  
box-shadow:4px 4px 4px 4px rgb(230, 25,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 87.3210, -26.2873, 125.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 25, 34) }
```

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

```
.background{ background-color: rgb(230, 25,  
34) }
```

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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