

# Converting Colors

YUV(78.0060, -25.1460,  
132.4217)

Have a look what the booklet for  
YUV(78.0060, -25.1460, 132.4217)  
contains.

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# Color

**YUV(78.0060, -25.1460,  
132.4217)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E50B1B
RGB	229, 11, 27
RGB Percent	90%, 4%, 11%
CMY	0.1020, 0.9569, 0.8941
CMYK	0.00, 0.95, 0.88, 0.10
HSL	356°, 91%, 47%
HSV	356°, 95%, 90%
XYZ	32.6306, 16.9765, 2.5939
YIQ	78.0060, 124.7920, 51.1920

# Conversions

## Conversions Part 2

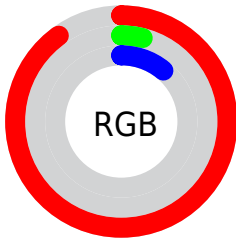
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 11, 27
Decimal	15010587
CIE <sub>Lab</sub>	48.23, 73.25, 53.19
CIE <sub>LCh</sub>	48, 90.528, 35.987
Yxy	16.9765, 0.6251, 0.3252
Android (android.graphics.Color)	4293200667 (0xFFE50B1B)
YUV	78.0060, -25.1460, 132.4217
Hunter-Lab	41.2025, 69.2597, 25.1092

# Details

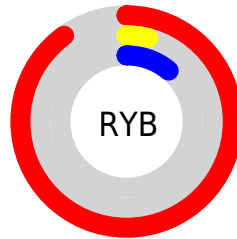
The YUV color **78.0060, -25.1460, 132.4217** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **161.9940, 25.1460, -132.4217**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2720, -32.1791, 101.4935**, and **48.7370, -24.0273, 100.2087** is the 20% darker color. If you saturate the color by 10%, you get **70.4090, -26.3306, 139.0843**, and if you desaturate by 10%, it is **93.9010, -22.6292, 118.4818**.

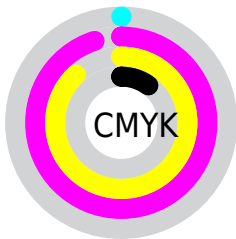
# Distribution



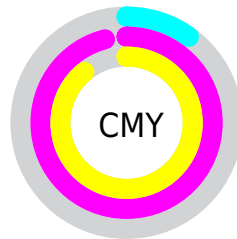
- Red (90%)
- Green (4%)
- Blue (11%)



- Red (90%)
- Yellow (4%)
- Blue (11%)



- Cyan (0%)
- Magenta (95%)
- Yellow (88%)
- Black (10%)




- Cyan (10%)
- Magenta (96%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 78.0060, -25.1460, 132.4217 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 78.0060, -25.1460, 132.4217 by changing the saturation by 10% instead.





 78.0060, -25.1460,  
132.4217


 78.0060, -25.1460,  
132.4217


255.0000, 0.0000,  
0.0000

 58.9460, -27.5814,  
120.1964


 139.2720,  
-32.1791, 101.4935

 48.7370, -24.0273,  
100.2087


 160.3190,  
-30.2303, 83.0352


 39.1690, -19.3103,  
80.5358


 180.8930,  
-27.5552, 64.9918

 29.8290, -13.7197,  
60.6630

 200.8800,  
-24.5908, 47.4632

 20.9730, -8.8607,  
42.1197

 221.5680,  
-21.4790, 29.3199

 10.8780, -4.8699,  
22.0320

 242.3700,

 0.0000, 0.0000,

-17.9304, 11.0765

0.0000

252.6060, -9.1728,  
2.0995

78.0060, -25.1460,  
132.4217

78.0060, -25.1460,  
132.4217

70.4090, -26.3306,  
139.0843

93.9010, -22.6292,  
118.4818

109.7960,  
-20.1124, 104.5419

125.8050,  
-17.1589, 90.5020

141.7000,  
-14.6421, 76.5621

157.5950,  
-12.1253, 62.6222

■ 172.9030, -9.3192,  
49.1971

■ 188.9120, -6.3656,  
35.1572

■ 204.8070, -3.8489,  
21.2173

■ 220.7020, -1.3321,  
7.2773

# Harmonies

## Analogous

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



84.1000, 9.3177, 138.4783



78.0060, -25.1460, 132.4217



105.8080, -52.1633, 71.2054

# Triad

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



78.0060, -25.1460, 132.4217



87.8970, -21.1482, -77.0857



100.0970, 76.3672, -87.7851

# Complementary

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



78.0060, -25.1460, 132.4217



161.9940, 25.1460, -132.4217

# 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.



110.6630, 71.1581, -97.0515



78.0060, -25.1460, 132.4217



99.2340, 14.6746, -87.0282

# Square

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



78.0060, -25.1460, 132.4217



86.1440, -42.4690, -51.8693



108.3710, 47.1451, -95.0414



113.8580, 62.6810, 8.8945



# Rectangle

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



78.0060, -25.1460, 132.4217



107.9470, -53.2179, 36.0035



108.3710, 47.1451, -95.0414



104.7930, 74.0521, -91.9035

# Sweetspot

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



78.0060, -25.1460, 132.4217



203.6960, -8.7241, 44.9936



95.6520, 65.7406, 101.1602



96.7970, -5.3229, 27.3650



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.



78.0060, -25.1460, 132.4217



78.4110, -29.2896, 154.8686



129.5990, -58.4693, 87.1747



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537



# Inverse Universe

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



78.0060, -25.1460, 132.4217



78.4110, -29.2896, 154.8686



110.4010, 58.4693, -87.1747



106.7020, -1.3321, 7.2773



55.0030, -20.7075, 108.7454



15.7050, -5.7706, 30.9537



# Previews

## White Background



This preview shows how the YUV color 78.0060, -25.1460, 132.4217 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 78.0060, -25.1460, 132.4217 looks on a 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 78.0060, -25.1460, 132.4217

## Background



This preview shows how black text looks on a background with the YUV color 78.0060, -25.1460, 132.4217.



This preview shows how white text looks on a background with the YUV color 78.0060, -25.1460,



# 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

78.0060, -25.1460, 132.4217

### Protanopia

112.0210, -32.0554, 14.8906

### Deuteranopia

108.2240, -53.3544, 33.1296



## Tritanopia

80.4990, -39.6860, 129.3584

# Trichromacy



## Original Color

78.0060, -25.1460, 132.4217

## Protanomaly

99.6810, -29.4227, 57.2848

## Deuteranomaly

97.2020, -42.9906, 69.1058

## Tritanomaly

79.2910, -34.1605, 130.4178

# Monochromacy



## Original Color

78.0060, -25.1460, 132.4217

## Achromatopsia

78.0000, 0.0000, 0.0000

## Achromatomaly

78.1910, -9.4612, 48.0675

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 78.0060, -25.1460, 132.4217 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(229, 11, 27)` looks like.

```
.text, #text, p{  
    color:rgb(229, 11, 27)  
}
```

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(229, 11, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 11, 27) }
```

## Border

The CSS property to change the border of an element to YUV 78.0060, -25.1460, 132.4217 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(229, 11, 27) }
```



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

```
.border{ border-color:rgb(229, 11, 27) }
```

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

Here you see how a box with a 4 pixel rgb(229, 11, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 11, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 11, 27);  
box-shadow:4px 4px 4px 4px rgb(229, 11,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 78.0060, -25.1460, 132.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 11, 27) }
```

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

```
.background{ background-color: rgb(229, 11,  
27) }
```

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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