

# Converting Colors

YUV(91.4230, -17.4635,  
141.7030)

Have a look what the booklet for  
YUV(91.4230, -17.4635, 141.7030)  
contains.

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# Color

**YUV(91.4230, -17.4635,  
141.7030)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FD1038
RGB	253, 16, 56
RGB Percent	99%, 6%, 22%
CMY	0.0078, 0.9373, 0.7804
CMYK	0.00, 0.94, 0.78, 0.01
HSL	350°, 98%, 53%
HSV	350°, 94%, 99%
XYZ	41.4071, 21.5388, 5.7164
YIQ	91.4230, 128.4120, 62.6840

# Conversions

## Conversions Part 2

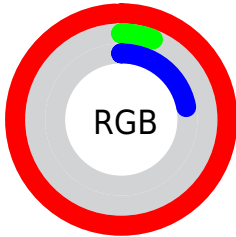
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">253, 16, 56</a>
Decimal	<a href="#">16584760</a>
CIELab	<a href="#">53.53, 79.32, 45.00</a>
CIELCh	<a href="#">54, 91.196, 29.566</a>
Yxy	<a href="#">21.5388, 0.6031, 0.3137</a>
Android (android.graphics.Color)	<a href="#">4294774840 (0xFFFD1038)</a>
YUV	<a href="#">91.4230, -17.4635, 141.7030</a>
Hunter-Lab	<a href="#">46.4099, 78.0413, 25.1841</a>

# Details

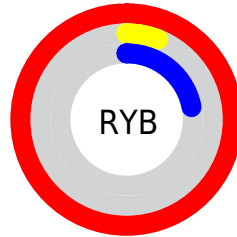
The YUV color **91.4230, -17.4635, 141.7030** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **177.5770, 17.4635, -141.7030**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8010, -21.1009, 94.8905**, and **57.5090, -21.4499, 113.5636** is the 20% darker color. If you saturate the color by 10%, you get **80.5490, -18.5117, 151.2395**, and if you desaturate by 10%, it is **108.4920, -15.5256, 126.7335**.

# Distribution



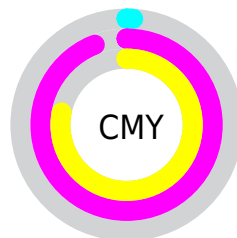
- Red (99%)
- Green (6%)
- Blue (22%)



- Red (99%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (94%)
- Yellow (78%)
- Black (1%)




- Cyan (1%)
- Magenta (94%)
- Yellow (78%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 91.4230, -17.4635, 141.7030 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 91.4230, -17.4635, 141.7030 by changing the saturation by 10% instead.





 91.4230, -17.4635,  
141.7030


 91.4230, -17.4635,  
141.7030


255.0000, 0.0000,  
0.0000

 69.6560, -17.5784,  
131.8517


 146.8010,  
-21.1009, 94.8905

 57.5090, -21.4499,  
113.5636


 167.8480,  
-19.1521, 76.4323


 46.0460, -22.7007,  
94.6757


 189.0090,  
-16.7664, 57.8741

 36.2930, -17.3994,  
74.2880

 209.6970,  
-13.6546, 39.7307

 27.2520, -11.9562,  
55.0300

 230.4990,  
-10.1060, 21.4874

 17.8690, -7.8234,  
36.0719

 251.8880, -6.8468,

 5.6810, -2.8007,

2.7292

11.6808

■ 0.0000, 0.0000,  
0.0000

■ 91.4230, -17.4635,  
141.7030

■ 91.4230, -17.4635,  
141.7030

■ 80.5490, -18.5117,  
151.2395

■ 108.4920,  
-15.5256, 126.7335

■ 126.1480,  
-13.8770, 111.2492

■ 143.2170,  
-11.9390, 96.2797

■ 160.2860,  
-10.0010, 81.3102

■ 177.3550, -8.0630,  
66.3407

■ 195.0110, -6.4144,  
50.8564

■ 212.0800, -4.4764,  
35.8868

■ 229.1490, -2.5385,  
20.9173

■ 246.8050, -0.8899,  
5.4330

# Harmonies

## Analogous

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



91.4070, 20.5053, 143.4711



91.4230, -17.4635, 141.7030



116.8270, -57.5957, 86.9747

# Triad

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



91.4230, -17.4635, 141.7030



95.2030, -28.6941, -83.4930



110.6630, 71.1581, -97.0515

# Complementary

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



91.4230, -17.4635, 141.7030



177.5770, 17.4635, -141.7030

# 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.



120.0550, 66.5279, -105.2882



91.4230, -17.4635, 141.7030



107.5830, 8.5866, -94.3503

# Square

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



91.4230, -17.4635, 141.7030



107.8390, -53.1646, -27.9228



117.1760, 42.8042, -102.7634



123.2740, 64.9409, -16.0263



# Rectangle

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



91.4230, -17.4635, 141.7030



120.7270, -59.5184, 50.2284



117.1760, 42.8042, -102.7634



114.7720, 69.1324, -100.6550

# Sweetspot

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



91.4230, -17.4635, 141.7030



206.5970, -5.2243, 42.4494



101.0240, 74.9242, 95.5720



97.9540, -3.4283, 26.3503



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.



91.4230, -17.4635, 141.7030



81.1470, -18.8065, 152.4691



130.8880, -56.6398, 107.0922



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460



# Inverse Universe

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



91.4230, -17.4635, 141.7030



81.1470, -18.8065, 152.4691



138.1120, 56.6398, -107.0922



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460



# Previews

## White Background



This preview shows how the YUV color 91.4230, -17.4635, 141.7030 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 91.4230, -17.4635, 141.7030 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 91.4230, -17.4635, 141.7030

## Background



This preview shows how black text looks on a background with the YUV color 91.4230, -17.4635, 141.7030.



This preview shows how white text looks on a background with the YUV color 91.4230, -17.4635,



# 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

91.4230, -17.4635, 141.7030

### Protanopia

127.2730, -20.8406, 11.1616

### Deuteranopia

124.3130, -41.5663, 32.1745



## Tritanopia

93.2490, -37.0978, 139.2246

# Trichromacy



## Original Color

91.4230, -17.4635, 141.7030

## Protanomaly

114.2110, -19.8240, 58.5740

## Deuteranomaly

111.9710, -32.5237, 71.9394

## Tritanomaly

92.4970, -29.8250, 139.8841

# Monochromacy



## Original Color

91.4230, -17.4635, 141.7030

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

91.3100, -6.5618, 51.4711

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 91.4230, -17.4635, 141.7030 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(253, 16, 56)` looks like.

```
.text, #text, p{  
    color:rgb(253, 16, 56)  
}
```

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(253, 16, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 16, 56) }
```

## Border

The CSS property to change the border of an element to YUV 91.4230, -17.4635, 141.7030 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(253, 16, 56) }
```



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

```
.border{ border-color:rgb(253, 16, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 16, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 16, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 16, 56);  
box-shadow:4px 4px 4px 4px rgb(253, 16,  
56) }
```

# Background

The CSS property to change the background color of an element to YUV 91.4230, -17.4635, 141.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 16, 56) }
```

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

```
.background{ background-color: rgb(253, 16,  
56) }
```

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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