

# Converting Colors

YUV(90.0460, -22.7007,  
94.6757)

Have a look what the booklet for  
YUV(90.0460, -22.7007, 94.6757)  
contains.

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# Color

**YUV(90.0460, -22.7007,  
94.6757)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C62C2C
RGB	198, 44, 44
RGB Percent	78%, 17%, 17%
CMY	0.2235, 0.8275, 0.8275
CMYK	0.00, 0.78, 0.78, 0.22
HSL	0°, 64%, 47%
HSV	0°, 78%, 78%
XYZ	24.6440, 13.9890, 3.7841
YIQ	90.0460, 91.7840, 32.6480

# Conversions

## Conversions Part 2

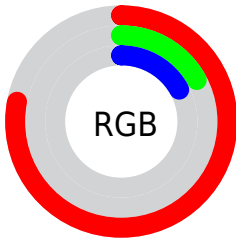
Format	Color
<a href="#">RYB</a>	<a href="#">198, 44, 44</a>
Decimal	<a href="#">12987436</a>
CIELab	<a href="#">44.22, 59.27, 38.55</a>
CIElCh	<a href="#">44, 70.710, 33.042</a>
Yxy	<a href="#">13.9890, 0.5810, 0.3298</a>
Android (android.graphics.Color)	<a href="#">4291177516</a> ( <a href="#">0xFFC62C2C</a> )
YUV	<a href="#">90.0460, -22.7007, 94.6757</a>
Hunter-Lab	<a href="#">37.4018, 52.1601, 20.1826</a>

# Details

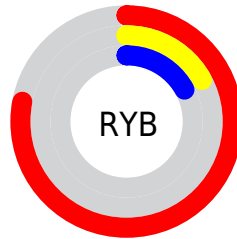
The YUV color **90.0460, -22.7007, 94.6757** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **151.9540, 22.7007, -94.6757**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0800, -27.6474, 94.6458**, and **40.6640, -20.0474, 83.6097** is the 20% darker color. If you saturate the color by 10%, you get **76.0260, -25.6488, 106.9712**, and if you desaturate by 10%, it is **104.0660, -19.7525, 82.3801**.

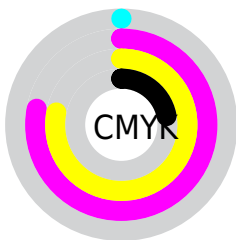
# Distribution



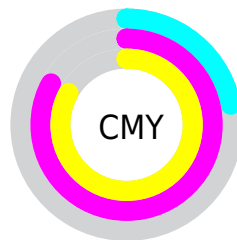
- Red (78%)
- Green (17%)
- Blue (17%)



- Red (78%)
- Yellow (17%)
- Blue (17%)



- Cyan (0%)
- Magenta (78%)
- Yellow (78%)
- Black (22%)




- Cyan (22%)
- Magenta (83%)
- Yellow (83%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.0460, -22.7007, 94.6757 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 90.0460, -22.7007, 94.6757 by changing the saturation by 10% instead.




 90.0460, -22.7007,  
94.6757


 90.0460, -22.7007,  
94.6757


255.0000, 0.0000,  
0.0000


 52.4410, -15.0074,  
100.4682


 147.0800,  
-27.6474, 94.6458


 40.6640, -20.0474,  
83.6097


 166.2520,  
-25.2672, 77.8320


 31.3950, -15.4777,  
64.5516

 186.2390,  
-22.3028, 60.3034

 22.5390, -10.6187,  
46.0083

 205.7530,  
-18.6122, 43.1896

 13.9820, -5.9071,  
28.0798

 225.8540,  
-15.2110, 25.5610

 0.0000, 0.0000,  
0.0000

 246.6560,

-11.6624, 7.3177

254.6580, -1.3104,  
0.2999

■ 90.0460, -22.7007,  
94.6757

■ 90.0460, -22.7007,  
94.6757

■ 76.0260, -25.6488,  
106.9712

■ 104.0660,  
-19.7525, 82.3801

■ 62.0060, -28.5970,  
119.2667

■ 118.0860,  
-16.8044, 70.0846

■ 59.2020, -29.1866,  
121.7258

■ 131.4050,  
-14.0037, 58.4038

■ 145.4250,  
-11.0555, 46.1083

■ 159.4450, -8.1074,  
33.8127

 173.4650, -5.1592,  
21.5172

 187.4850, -2.2111,  
9.2217

 200.8040, 0.5896,  
-2.4591

 214.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

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



78.3800, 11.1517, 110.1687



90.0460, -22.7007, 94.6757



97.1920, -47.9157, 62.0986

# Triad

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



90.0460, -22.7007, 94.6757



79.2060, -16.3706, -69.4637



90.6930, 65.7204, -79.5378

# Complementary

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



90.0460, -22.7007, 94.6757



151.9540, 22.7007, -94.6757

# 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.



96.7280, 55.8431, -84.8305



90.0460, -22.7007, 94.6757



88.1490, 10.2795, -77.3067

# Square

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



90.0460, -22.7007, 94.6757



87.7930, -43.2819, -24.3745



94.8750, 36.0506, -83.2054



104.8450, 48.8834, 1.0129



# Rectangle

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



90.0460, -22.7007, 94.6757



98.5000, -48.5605, 35.5185



94.8750, 36.0506, -83.2054



93.5140, 63.8366, -82.0118

# Sweetspot

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



90.0460, -22.7007, 94.6757



213.6410, -8.6970, 36.2718



107.6020, 44.5662, 79.2790



102.7640, -5.3067, 22.1320



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.



90.0460, -22.7007, 94.6757



88.8630, -34.9355, 145.7021



135.2450, -44.9838, 55.0361



92.6910, -1.3267, 5.5330



48.7370, -24.0273, 100.2087



10.7640, -5.3067, 22.1320



# Inverse Universe

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



151.9540, 22.7007, -94.6757



184.1370, 34.9355, -145.7021



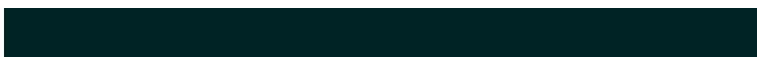
106.7550, 44.9838, -55.0361



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320



# Previews

## White Background



This preview shows how the YUV color 90.0460, -22.7007, 94.6757 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 90.0460, -22.7007, 94.6757 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 90.0460, -22.7007, 94.6757

## Background



This preview shows how black text looks on a background with the YUV color 90.0460, -22.7007, 94.6757.



This preview shows how white text looks on a background with the YUV color 90.0460, -22.7007,



# 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

90.0460, -22.7007, 94.6757

### Protanopia

103.9740, -20.6932, 10.5468

### Deuteranopia

101.8160, -34.4193, 26.4714



## Tritanopia

90.1600, -22.2639, 94.5757

# Trichromacy



## Original Color

90.0460, -22.7007, 94.6757

## Protanomaly

98.6450, -21.5170, 41.5303

## Deuteranomaly

97.7080, -30.4220, 51.1221

## Tritanomaly

90.1600, -22.2639, 94.5757

# Monochromacy



## Original Color

90.0460, -22.7007, 94.6757

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.7440, -8.2548, 34.4275

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.0460, -22.7007, 94.6757 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(198, 44, 44)` looks like.

```
.text, #text, p{  
    color:rgb(198, 44, 44)  
}
```

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(198, 44, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 44, 44) }
```

## Border

The CSS property to change the border of an element to YUV 90.0460, -22.7007, 94.6757 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(198, 44, 44) }
```



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

```
.border{ border-color:rgb(198, 44, 44) }
```

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

Here you see how a box with a 4 pixel rgb(198, 44, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 44, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 44, 44);  
box-shadow:4px 4px 4px 4px rgb(198, 44,  
44) }
```

# Background

The CSS property to change the background color of an element to YUV 90.0460, -22.7007, 94.6757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 44, 44) }
```

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

```
.background{ background-color: rgb(198, 44,  
44) }
```

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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