

# Converting Colors

YUV(75.8140, -24.0653,  
112.4191)

Have a look what the booklet for  
YUV(75.8140, -24.0653, 112.4191)  
contains.

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# Color

**YUV(75.8140, -24.0653,  
112.4191)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CC141B
RGB	204, 20, 27
RGB Percent	80%, 8%, 11%
CMY	0.2000, 0.9216, 0.8941
CMYK	0.00, 0.90, 0.87, 0.20
HSL	358°, 82%, 44%
HSV	358°, 90%, 80%
XYZ	25.3498, 13.4168, 2.2905
YIQ	75.8140, 107.4170, 41.1850

# Conversions

## Conversions Part 2

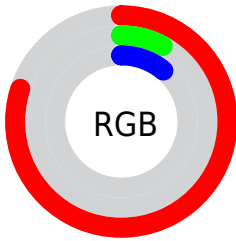
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 20, 27</a>
Decimal	<a href="#">13374491</a>
CIELab	<a href="#">43.38, 65.88, 47.18</a>
CIElCh	<a href="#">43, 81.028, 35.607</a>
Yxy	<a href="#">13.4168, 0.6174, 0.3268</a>
Android (android.graphics.Color)	<a href="#">4291564571</a> (0xFFCC141B)
YUV	<a href="#">75.8140, -24.0653, 112.4191</a>
Hunter-Lab	<a href="#">36.6290, 59.4339, 21.9327</a>

# Details

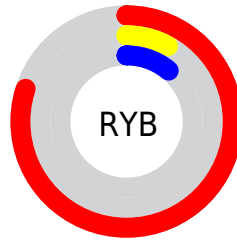
The YUV color **75.8140, -24.0653, 112.4191** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **148.1860, 24.0653, -112.4191**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9840, -32.0371, 102.6230**, and **41.8600, -20.6370, 86.0688** is the 20% darker color. If you saturate the color by 10%, you get **61.9080, -26.5766, 124.6147**, and if you desaturate by 10%, it is **89.8340, -21.1172, 100.1236**.

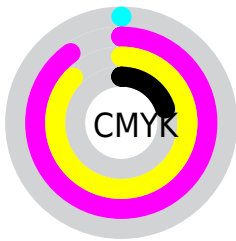
# Distribution



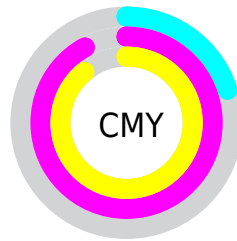
- Red (80%)
- Green (8%)
- Blue (11%)



- Red (80%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (90%)
- Yellow (87%)
- Black (20%)




- Cyan (20%)
- Magenta (92%)
- Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.8140, -24.0653, 112.4191 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 75.8140, -24.0653, 112.4191 by changing the saturation by 10% instead.





 75.8140, -24.0653,  
112.4191


 75.8140, -24.0653,  
112.4191


255.0000, 0.0000,  
0.0000


 51.8840, -23.6068,  
105.3417


 137.9840,  
-32.0371, 102.6230


 41.8600, -20.6370,  
86.0688


 157.8570,  
-29.5095, 85.1944


 32.2920, -15.9200,  
66.3959

 177.7300,  
-26.9819, 67.7658

 23.5500, -10.6242,  
47.7527

 197.7170,  
-24.0175, 50.2372


 14.5800, -6.2019,  
29.3093


 217.8180,  
-20.6163, 32.6086


 0.0000, 0.0000,  
0.0000


 238.6200,


-17.0677, 14.3653

 252.3780,  
-10.0464, 2.2995


 75.8140, -24.0653,  
112.4191


 75.8140, -24.0653,  
112.4191

 61.9080, -26.5766,  
124.6147

 89.8340, -21.1172,  
100.1236

 104.3270,  
-18.8952, 87.4132

 118.3470,  
-15.9471, 75.1177

 132.8400,  
-13.7251, 62.4073

 146.8600,  
-10.7770, 50.1118

■ 160.8800, -7.8288,  
37.8162

■ 175.3730, -5.6069,  
25.1059

■ 189.3930, -2.6587,  
12.8103

■ 204.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



74.8870, 8.9297, 122.8791



75.8140, -24.0653, 112.4191



94.8440, -46.7581, 64.1578

# Triad

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



75.8140, -24.0653, 112.4191



78.6360, -18.5545, -68.9638



90.6420, 73.1405, -79.4930

# Complementary

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



75.8140, -24.0653, 112.4191



148.1860, 24.0653, -112.4191

# 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.



98.5520, 62.8319, -86.4301



75.8140, -24.0653, 112.4191



88.7190, 12.4635, -77.8066

# Square

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



75.8140, -24.0653, 112.4191



79.7200, -39.3020, -40.9734



96.2430, 41.2922, -84.4051



102.4850, 54.9769, 6.5907



# Rectangle

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



75.8140, -24.0653, 112.4191



97.0050, -47.8235, 32.4446



96.2430, 41.2922, -84.4051



94.7510, 71.1148, -83.0966

# Sweetspot

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



75.8140, -24.0653, 112.4191



206.9730, -8.8607, 42.1197



93.3010, 54.5746, 89.1900



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.



75.8140, -24.0653, 112.4191



77.3850, -33.2208, 155.7684



123.7370, -51.1423, 70.3907



94.9900, -1.4741, 6.1478



50.3180, -21.8488, 101.4531



11.4760, -5.1647, 23.2615



# Inverse Universe

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



75.8140, -24.0653, 112.4191



77.3850, -33.2208, 155.7684



100.2630, 51.1423, -70.3907



94.9900, -1.4741, 6.1478



50.3180, -21.8488, 101.4531



11.4760, -5.1647, 23.2615



# Previews

## White Background



This preview shows how the YUV color 75.8140, -24.0653, 112.4191 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 75.8140, -24.0653, 112.4191 Background



This preview shows how black text looks on a background with the YUV color 75.8140, -24.0653, 112.4191.



This preview shows how white text looks on a background with the YUV color 75.8140, -24.0653,



# 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

75.8140, -24.0653, 112.4191

### Protanopia

100.8620, -27.5400, 13.2760

### Deuteranopia

97.2820, -47.9600, 29.5707



## Tritanopia

75.6200, -29.8857, 112.5893

# Trichromacy



## Original Color

75.8140, -24.0653, 112.4191

## Protanomaly

91.4350, -26.3435, 49.6075

## Deuteranomaly

89.4720, -39.1797, 60.0991

## Tritanomaly

75.4890, -27.8491, 112.7041

# Monochromacy



## Original Color

75.8140, -24.0653, 112.4191

## Achromatopsia

76.0000, 0.0000, 0.0000

## Achromatomaly

76.2610, -9.0027, 40.9901

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.8140, -24.0653, 112.4191 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(204, 20, 27)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 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(204, 20, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 27) }
```

## Border

The CSS property to change the border of an element to YUV 75.8140, -24.0653, 112.4191 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(204, 20, 27) }
```



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

```
.border{ border-color:rgb(204, 20, 27) }
```

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

Here you see how a box with a 4 pixel rgb(204, 20, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 27);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
27) }
```

# Background

The CSS property to change the background color of an element to YUV 75.8140, -24.0653, 112.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 27) }
```

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

```
.background{ background-color: rgb(204, 20,  
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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