

# Converting Colors

YUV(100.8140, -27.5163,  
99.2641)

Have a look what the booklet for  
YUV(100.8140, -27.5163, 99.2641)  
contains.

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# Color

**YUV(100.8140, -27.5163,  
99.2641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6362D
RGB	214, 54, 45
RGB Percent	84%, 21%, 18%
CMY	0.1608, 0.7882, 0.8235
CMYK	0.00, 0.75, 0.79, 0.16
HSL	3°, 67%, 51%
HSV	3°, 79%, 84%
XYZ	29.5244, 17.1239, 4.2318
YIQ	100.8140, 98.2490, 31.1210

# Conversions

## Conversions Part 2

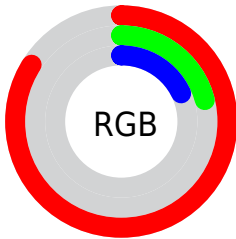
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">214, 55, 45</a>
Decimal	<a href="#">14038573</a>
CIELab	<a href="#">48.42, 60.97, 43.32</a>
CIELCh	<a href="#">48, 74.790, 35.392</a>
Yxy	<a href="#">17.1239, 0.5803, 0.3366</a>
Android (android.graphics.Color)	<a href="#">4292228653 (0xFFD6362D)</a>
YUV	<a href="#">100.8140, -27.5163, 99.2641</a>
Hunter-Lab	<a href="#">41.3811, 54.9384, 22.9036</a>

# Details

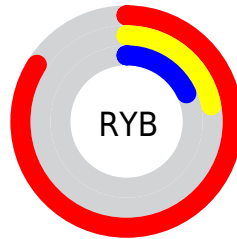
The YUV color **100.8140, -27.5163, 99.2641** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **158.1860, 27.5163, -99.2641**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.0640, -30.1046, 89.3979**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **86.6800, -30.9012, 111.6596**, and if you desaturate by 10%, it is **114.9480, -24.1314, 86.8686**.

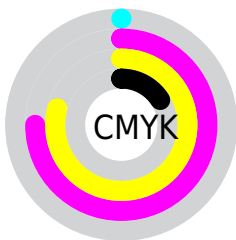
# Distribution



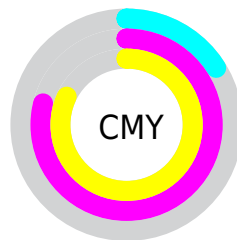
- Red (84%)
- Green (21%)
- Blue (18%)



- Red (84%)
- Yellow (22%)
- Blue (18%)



- Cyan (0%)
- Magenta (75%)
- Yellow (79%)
- Black (16%)



- Cyan (16%)
- Magenta (79%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.8140, -27.5163, 99.2641 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 100.8140, -27.5163, 99.2641 by changing the saturation by 10% instead.




 100.8140,  
-27.5163, 99.2641


 100.8140,  
-27.5163, 99.2641


255.0000, 0.0000,  
0.0000


 65.2580, -20.8332,  
102.3827


 153.0640,  
-30.1046, 89.3979


 45.1490, -22.2585,  
92.8313


 172.3500,  
-27.2875, 72.4841


 35.5810, -17.5414,  
73.1585


 191.7500,  
-24.0337, 55.4703

 26.6110, -13.1192,  
54.7152

 211.8510,  
-20.6325, 37.8417

 18.5810, -7.6814,  
37.2015

 232.5390,  
-17.5207, 19.6983

 6.8770, -3.3904,  
14.1399

 251.5800,

 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,  
0.1000

■ 100.8140,  
-27.5163, 99.2641

■ 100.8140,  
-27.5163, 99.2641

■ 86.6800, -30.9012,  
111.6596

■ 114.9480,  
-24.1314, 86.8686

■ 71.8450, -34.4336,  
124.6699


■ 129.7830,  
-20.5990, 73.8583


■ 70.4430, -34.7284,  
125.8995


■ 143.9170,  
-17.2141, 61.4628

■ 158.1650,  
-13.3923, 48.9673

■ 172.2990,  
-10.0074, 36.5718

 187.0200, -6.9119,  
23.6615

 201.2680, -3.0901,  
11.1660

 215.4020, 0.2948,  
-1.2296

 229.6500, 4.1166,  
-13.7250

# Harmonies

## Analogous

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



89.3270, 8.2198, 117.2312



100.8140, -27.5163, 99.2641



107.2370, -52.8678, 63.8132

# Triad

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



100.8140, -27.5163, 99.2641



88.2050, -14.8911, -77.3558



98.1420, 71.4150, -86.0705

# Complementary

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



100.8140, -27.5163, 99.2641



158.1860, 27.5163, -99.2641

# 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.



105.5790, 61.8326, -92.5928



100.8140, -27.5163, 99.2641



97.6040, 13.5062, -85.5987

# Square

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



100.8140, -27.5163, 99.2641



94.8370, -46.7546, -30.5520



104.0850, 40.8771, -91.2825



116.3450, 50.6089, 7.5904



# Rectangle

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



100.8140, -27.5163, 99.2641



108.2350, -53.3599, 34.8739



104.0850, 40.8771, -91.2825



101.6640, 69.6786, -89.1593

# Sweetspot

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



100.8140, -27.5163, 99.2641



214.0000, -9.8600, 35.9570



113.8850, 45.4127, 87.8009



102.6500, -5.7434, 22.2320



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.



100.8140, -27.5163, 99.2641



92.9890, -39.4346, 142.0836



150.1220, -51.8251, 56.0210



99.8760, -1.9109, 6.2477



56.4120, -27.8111, 100.4937



14.0310, -6.9173, 25.4058



# Inverse Universe

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



158.1860, 27.5163, -99.2641



175.0110, 39.4346, -142.0836



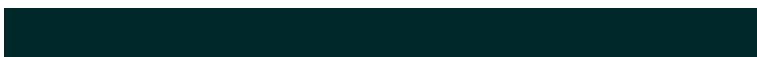
108.8780, 51.8251, -56.0210



103.7110, 1.6215, -6.7625



114.5880, 27.8111, -100.4937



28.9690, 6.9173, -25.4058



# Previews

## White Background



This preview shows how the YUV color 100.8140, -27.5163, 99.2641 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 100.8140, -27.5163, 99.2641 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 100.8140, -27.5163, 99.2641 Background



This preview shows how black text looks on a background with the YUV color 100.8140, -27.5163, 99.2641.



This preview shows how white text looks on a background with the YUV color 100.8140, -27.5163,



# 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

100.8140, -27.5163, 99.2641

### Protanopia

113.2470, -24.7718, 12.0614

### Deuteranopia

111.5730, -39.2295, 29.3155



## Tritanopia

101.2530, -23.2957, 98.8791

# Trichromacy



## Original Color

100.8140, -27.5163, 99.2641

## Protanomaly

108.5160, -25.8904, 44.2745

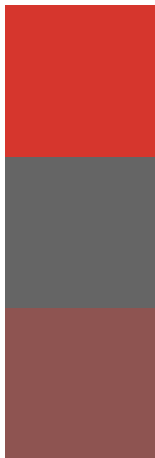
## Deuteranomaly

107.8780, -34.9429, 54.4810

## Tritanomaly

100.9110, -24.6061, 99.1791

# Monochromacy



## Original Color

100.8140, -27.5163, 99.2641

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.0000, -9.8600, 35.9570

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.8140, -27.5163, 99.2641 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(214, 54, 45)` looks like.

```
.text, #text, p{  
    color:rgb(214, 54, 45)  
}
```

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(214, 54, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 54, 45) }
```

## Border

The CSS property to change the border of an element to YUV 100.8140, -27.5163, 99.2641 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(214, 54, 45) }
```



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

```
.border{ border-color:rgb(214, 54, 45) }
```

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

Here you see how a box with a 4 pixel rgb(214, 54, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 54, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 54, 45);  
box-shadow:4px 4px 4px 4px rgb(214, 54,  
45) }
```

# Background

The CSS property to change the background color of an element to YUV 100.8140, -27.5163, 99.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 54, 45) }
```

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

```
.background{ background-color: rgb(214, 54,  
45) }
```

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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