

Converting Colors

YUV(97.8100, -28.0073,
116.8076)

Have a look what the booklet for
YUV(97.8100, -28.0073, 116.8076)
contains.

YUV(97.8100, -28.0073, 116.8076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.8100, -28.0073,
116.8076)**

Conversions

Conversions Part 1

Format	Color
Hex	E72929
RGB	231, 41, 41
RGB Percent	91%, 16%, 16%
CMY	0.0941, 0.8392, 0.8392
CMYK	0.00, 0.82, 0.82, 0.09
HSL	0°, 80%, 53%
HSV	0°, 82%, 91%
XYZ	34.1482, 18.7349, 3.9142
YIQ	97.8100, 113.2400, 40.2800

Conversions

Conversions Part 2

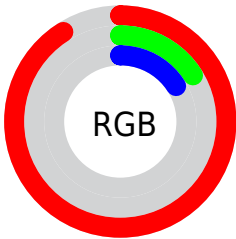
Format	Color
R_{YB}	231, 41, 41
Decimal	15149353
CIE _{Lab}	50.38, 69.35, 48.43
CIE _{LCh}	50, 84.588, 34.930
Yxy	18.7349, 0.6012, 0.3299
Android (android.graphics.Color)	4293339433 (0xFFE72929)
YUV	97.8100, -28.0073, 116.8076
Hunter-Lab	43.2838, 65.0784, 24.9370

Details

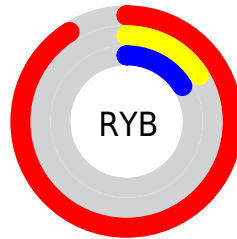
The YUV color **97.8100, -28.0073, 116.8076** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **174.1900, 28.0073, -116.8076**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.4990, -29.8260, 93.4014**, and **49.6340, -24.4696, 102.0530** is the 20% darker color. If you saturate the color by 10%, you get **81.6870, -31.3977, 130.9475**, and if you desaturate by 10%, it is **113.9330, -24.6170, 102.6678**.

Distribution



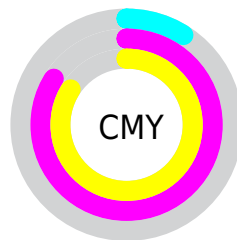
- Red (91%)
- Green (16%)
- Blue (16%)



- Red (91%)
- Yellow (16%)
- Blue (16%)



- Cyan (0%)
- Magenta (82%)
- Yellow (82%)
- Black (9%)





- Cyan (9%)
- Magenta (84%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.8100, -28.0073, 116.8076 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 97.8100, -28.0073, 116.8076 by changing the saturation by 10% instead.


 97.8100, -28.0073,
116.8076

 97.8100, -28.0073,
116.8076


255.0000, 0.0000,
0.0000

 61.2540, -21.3242,
119.9262


 148.4990,
-29.8260, 93.4014

 49.6340, -24.4696,
102.0530


 168.9590,
-27.5878, 75.4580


 40.0660, -19.7525,
82.3801


 188.9460,
-24.6234, 57.9294

 30.6120, -14.5987,
62.6073

 209.6340,
-21.5116, 39.7860

 22.2830, -9.0135,
44.4788

 229.7350,
-18.1104, 22.1574

 12.3730, -5.6069,
25.1059

 250.5370,

 0.0000, 0.0000,

-14.5617, 3.9141

0.0000

254.4300, -2.1840,
0.4999

■ 97.8100, -28.0073,
116.8076

■ 97.8100, -28.0073,
116.8076

■ 81.6870, -31.3977,
130.9475

■ 113.9330,
-24.6170, 102.6678

■ 69.0690, -34.0510,
142.0135

■ 130.0560,
-21.2266, 88.5279

■ 146.1790,
-17.8362, 74.3880

■ 162.3020,
-14.4459, 60.2481

■ 179.1260,
-10.9081, 45.4935

■ 195.2490, -7.5178,
31.3536

■ 211.3720, -4.1274,
17.2138

■ 227.4950, -0.7370,
3.0739

■ 243.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



84.7130, 12.9595, 137.0637



97.8100, -28.0073, 116.8076



111.7110, -55.0735, 71.2905

Triad

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



97.8100, -28.0073, 116.8076



91.7440, -19.1008, -80.4595



103.0320, 74.9202, -90.3591

Complementary

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



97.8100, -28.0073, 116.8076



174.1900, 28.0073, -116.8076

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.



112.6690, 68.6902, -98.8107



97.8100, -28.0073, 116.8076



102.2830, 13.6645, -89.7022

Square

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



97.8100, -28.0073, 116.8076



97.1520, -47.8959, -37.8443



110.4910, 45.1139, -96.9006



119.9240, 59.1975, 6.2057

Rectangle

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



97.8100, -28.0073, 116.8076



112.9750, -55.6967, 37.7329



110.4910, 45.1139, -96.9006



107.1410, 72.8945, -93.9627

Sweetspot

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



97.8100, -28.0073, 116.8076



210.1360, -9.4340, 39.3457



119.4700, 54.9843, 97.8118



100.6610, -5.7489, 23.9763



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.



97.8100, -28.0073, 116.8076



78.3480, -37.1466, 154.9238



153.5750, -55.4995, 67.9017



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



174.1900, 28.0073, -116.8076



179.6520, 37.1466, -154.9238



118.4250, 55.4995, -67.9017



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 97.8100, -28.0073, 116.8076 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 97.8100, -28.0073, 116.8076 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 97.8100, -28.0073, 116.8076

Background



This preview shows how black text looks on a background with the YUV color 97.8100, -28.0073, 116.8076.



This preview shows how white text looks on a background with the YUV color 97.8100, -28.0073,

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

97.8100, -28.0073, 116.8076

Protanopia

117.8620, -27.5400, 13.2760

Deuteranopia

114.7600, -46.2237, 32.6595



Tritanopia

97.6960, -28.4441, 116.9076

Trichromacy



Original Color

97.8100, -28.0073, 116.8076

Protanomaly

110.6910, -27.9487, 51.1370

Deuteranomaly

108.3800, -39.6273, 63.6877

Tritanomaly

97.6960, -28.4441, 116.9076

Monochromacy



Original Color

97.8100, -28.0073, 116.8076

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

97.6310, -10.1711, 42.4196

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8100, -28.0073, 116.8076 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(231, 41, 41)` looks like.

```
.text, #text, p{  
    color:rgb(231, 41, 41)  
}
```

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(231, 41, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 41, 41) }
```

Border

The CSS property to change the border of an element to YUV 97.8100, -28.0073, 116.8076 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(231, 41, 41) }
```


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

```
.border{ border-color:rgb(231, 41, 41) }
```

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

Here you see how a box with a 4 pixel rgb(231, 41, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 41, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 41, 41);  
box-shadow:4px 4px 4px 4px rgb(231, 41,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 97.8100, -28.0073, 116.8076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 41, 41) }
```

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

```
.background{ background-color: rgb(231, 41,  
41) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor