

Converting Colors

YUV(73.7880, -27.9965,
113.3189)

Have a look what the booklet for
YUV(73.7880, -27.9965, 113.3189)
contains.

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Color

**YUV(73.7880, -27.9965,
113.3189)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1311
RGB	203, 19, 17
RGB Percent	80%, 7%, 7%
CMY	0.2039, 0.9255, 0.9333
CMYK	0.00, 0.91, 0.92, 0.20
HSL	1°, 85%, 43%
HSV	1°, 92%, 80%
XYZ	24.9627, 13.2027, 1.7630
YIQ	73.7880, 110.3060, 38.3860

Conversions

Conversions Part 2

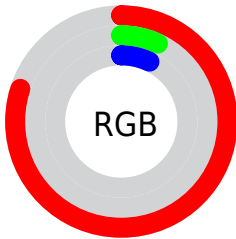
Format	Color
RYB	203, 19, 17
Decimal	13308689
CIELab	43.07, 65.60, 51.24
CIElCh	43, 83.241, 37.995
Yxy	13.2027, 0.6252, 0.3307
Android (android.graphics.Color)	4291498769 (0xFFCB1311)
YUV	73.7880, -27.9965, 113.3189
Hunter-Lab	36.3356, 59.0429, 22.5581

Details

The YUV color **73.7880, -27.9965, 113.3189** 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 **146.2120, 27.9965, -113.3189**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4850, -35.2421, 103.9377**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **61.8710, -30.5024, 123.7701**, and if you desaturate by 10%, it is **87.8080, -25.0483, 101.0234**.

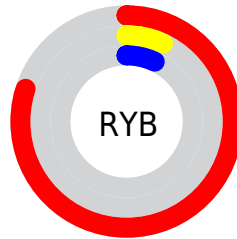
Distribution



Red (80%)

Green (7%)

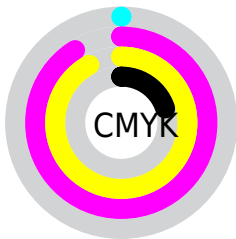
Blue (7%)



Red (80%)

Yellow (7%)

Blue (7%)

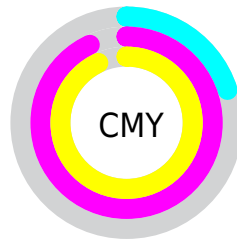


Cyan (0%)

Magenta (91%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.7880, -27.9965, 113.3189 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 73.7880, -27.9965, 113.3189 by changing the saturation by 10% instead.

■ 73.7880, -27.9965,
113.3189

■ 73.7880, -27.9965,
113.3189

254.6580, -1.3104,
0.2999

■ 51.1290, -25.2066,
105.1269

■ 136.4850,
-35.2421, 103.9377

■ 41.5610, -20.4896,
85.4540

■ 156.2440,
-33.1513, 86.6090

■ 31.9930, -15.7725,
65.7811

■ 176.1170,
-30.6237, 69.1804

■ 23.2510, -10.4767,
47.1379

■ 196.1040,
-27.6593, 51.6518


■ 14.2810, -6.0545,
28.6946


■ 216.2050,
-24.2581, 34.0232


■ 0.0000, 0.0000,
0.0000


■ 237.0070,


-20.7095, 15.7799

 251.3520,
-13.9775, 3.1993


 73.7880, -27.9965,
113.3189

 73.7880, -27.9965,
113.3189


 61.8710, -30.5024,
123.7701

 87.8080, -25.0483,
101.0234

 101.9420,
-21.6634, 88.6279

 115.9620,
-18.7153, 76.3323

 129.9820,
-15.7671, 64.0368

 144.1160,
-12.3822, 51.6413

■ 158.1360, -9.4340,
39.3457

■ 172.7430, -6.7753,
26.5354

■ 186.7630, -3.8272,
14.2398

■ 200.8970, -0.4422,
1.8443

Harmonies

Analogous

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



74.8010, 6.0141, 124.7085



73.7880, -27.9965, 113.3189



94.8220, -46.7472, 60.6691

Triad

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



73.7880, -27.9965, 113.3189



79.0920, -16.8074, -69.3637



89.6960, 74.5929, -78.6634

Complementary

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



73.7880, -27.9965, 113.3189



146.2120, 27.9965, -113.3189

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.



98.6490, 65.7420, -86.5152



73.7880, -27.9965, 113.3189



89.2890, 14.6475, -78.3065

Square

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



73.7880, -27.9965, 113.3189



71.0490, -35.0272, -58.8020



96.9270, 43.9130, -85.0050



101.4260, 54.5130, 15.4124

Rectangle

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



73.7880, -27.9965, 113.3189



96.0970, -47.3758, 28.8559



96.9270, 43.9130, -85.0050



93.9190, 73.0039, -82.3670

Sweetspot

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



73.7880, -27.9965, 113.3189



207.2180, -10.4605, 41.9048



93.8180, 53.8267, 95.7526



99.2590, -6.0437, 25.2059



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.



73.7880, -27.9965, 113.3189



78.0060, -38.4570, 155.2237



127.2050, -54.3311, 66.4722



94.9900, -1.4741, 6.1478



50.8080, -25.0483, 101.0234



11.3620, -5.6015, 23.3615

Inverse Universe

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



146.2120, 27.9965, -113.3189



176.9940, 38.4570, -155.2237



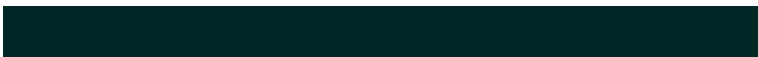
92.7950, 54.3311, -66.4722



99.0100, 1.4741, -6.1478



115.1920, 25.0483, -101.0234



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 73.7880, -27.9965, 113.3189 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 73.7880, -27.9965, 113.3189

Background



This preview shows how black text looks on a background with the YUV color 73.7880, -27.9965, 113.3189.



This preview shows how white text looks on a background with the YUV color 73.7880, -27.9965,

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

73.7880, -27.9965, 113.3189

Protanopia

99.0210, -32.0554, 14.8906

Deuteranopia

96.3960, -47.5232, 29.4707



Tritanopia

73.5770, -31.3435, 113.5040

Trichromacy



Original Color

73.7880, -27.9965, 113.3189

Protanomaly

89.7080, -30.4220, 51.1221

Deuteranomaly

88.1300, -40.4901, 60.3990

Tritanomaly

73.9190, -30.0331, 113.2040

Monochromacy



Original Color

73.7880, -27.9965, 113.3189

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.9190, -10.3131, 41.2900

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.7880, -27.9965, 113.3189 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(203, 19, 17)` looks like.

```
.text, #text, p{  
    color:rgb(203, 19, 17)  
}
```

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(203, 19, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 19, 17) }
```

Border

The CSS property to change the border of an element to YUV 73.7880, -27.9965, 113.3189 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(203, 19, 17) }
```


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

```
.border{ border-color:rgb(203, 19, 17) }
```

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

Here you see how a box with a 4 pixel rgb(203, 19, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 19, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 19, 17);  
box-shadow:4px 4px 4px 4px rgb(203, 19,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 73.7880, -27.9965, 113.3189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 19, 17) }
```

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

```
.background{ background-color: rgb(203, 19,  
17) }
```

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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