

Converting Colors

YUV(78.7110, -27.9585,
101.1085)

Have a look what the booklet for
YUV(78.7110, -27.9585, 101.1085)
contains.

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Color

**YUV(78.7110, -27.9585,
101.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	C21F16
RGB	194, 31, 22
RGB Percent	76%, 12%, 9%
CMY	0.2392, 0.8784, 0.9137
CMYK	0.00, 0.84, 0.89, 0.24
HSL	3°, 80%, 42%
HSV	3°, 89%, 76%
XYZ	22.8829, 12.5072, 1.9671
YIQ	78.7110, 100.0370, 31.7570

Conversions

Conversions Part 2

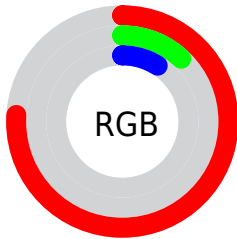
Format	Color
RYB	194, 31, 22
Decimal	12721942
CIELab	42.01, 61.00, 47.54
CIElCh	42, 77.337, 37.931
Yxy	12.5072, 0.6125, 0.3348
Android (android.graphics.Color)	4290912022 (0xFFC21F16)
YUV	78.7110, -27.9585, 101.1085
Hunter-Lab	35.3656, 53.6069, 21.4580

Details

The YUV color **78.7110, -27.9585, 101.1085** 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 **137.2890, 27.9585, -101.1085**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2890, -34.6525, 101.4785**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **65.9790, -31.0486, 112.2744**, and if you desaturate by 10%, it is **91.4430, -24.8684, 89.9425**.

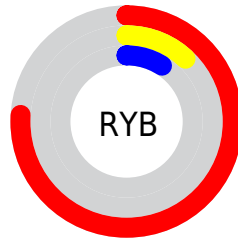
Distribution



Red (76%)

Green (12%)

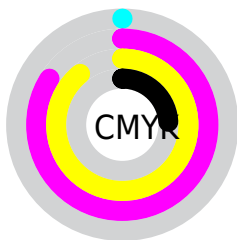
Blue (9%)



Red (76%)

Yellow (12%)

Blue (9%)

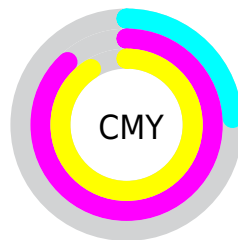


Cyan (0%)

Magenta (84%)

Yellow (89%)

Black (24%)



Cyan (24%)

Magenta (88%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.7110, -27.9585, 101.1085 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 78.7110, -27.9585, 101.1085 by changing the saturation by 10% instead.

■ 78.7110, -27.9585,
101.1085

■ 78.7110, -27.9585,
101.1085

255.0000, 0.0000,
0.0000

■ 48.4380, -23.8799,
99.5939

■ 139.2890,
-34.6525, 101.4785

■ 39.1690, -19.3103,
80.5358

■ 159.0480,
-32.5617, 84.1499

■ 29.9000, -14.7407,
61.4777

■ 178.3340,
-29.7447, 67.2361

■ 21.4570, -9.5923,
43.4492

■ 198.3210,
-26.7803, 49.7075


■ 12.0740, -5.4595,
24.4911


■ 218.4220,
-23.3790, 32.0789


■ 0.0000, 0.0000,
0.0000


■ 238.6370,


-19.5410, 14.3504


 251.8080,
-12.2303, 2.7994

 78.7110, -27.9585,
101.1085

 78.7110, -27.9585,
101.1085


 65.9790, -31.0486,
112.2744


 91.4430, -24.8684,
89.9425

 63.8760, -31.4909,
114.1187

 104.8760,
-21.6309, 78.1617

 117.6080,
-18.5407, 66.9958

 131.0410,
-15.3032, 55.2150

 143.7730,
-12.2131, 44.0491

■ 156.5050, -9.1230,
32.8831

■ 169.9380, -5.8854,
21.1024

■ 182.6700, -2.7953,
9.9364

■ 195.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



71.2840, 6.7620, 118.1459



78.7110, -27.9585, 101.1085



92.4410, -45.5734, 57.4952

Triad

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



78.7110, -27.9585, 101.1085



76.9720, -14.7762, -67.5044



86.4530, 69.7827, -75.8193

Complementary

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



78.7110, -27.9585, 101.1085



137.2890, 27.9585, -101.1085

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.



94.8190, 61.2212, -83.1563



78.7110, -27.9585, 101.1085



86.4850, 14.0579, -75.8473

Square

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



78.7110, -27.9585, 101.1085



74.9690, -36.9597, -45.5768



92.9660, 41.4288, -81.5312



99.8620, 49.8610, 14.1530

Rectangle

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



78.7110, -27.9585, 101.1085



93.1400, -45.9180, 27.9412



92.9660, 41.4288, -81.5312



90.6760, 68.1937, -79.5229

Sweetspot

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



78.7110, -27.9585, 101.1085



206.6800, -11.1812, 39.7456



92.0100, 45.8441, 89.4452



100.4330, -6.6225, 24.1763



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.



78.7110, -27.9585, 101.1085



82.9790, -40.9086, 148.2314



129.1930, -52.8461, 56.8357



90.5770, -1.7635, 5.6330



52.8350, -26.0477, 94.8607



11.0410, -5.4432, 19.2580

Inverse Universe

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



137.2890, 27.9585, -101.1085



169.0210, 40.9086, -148.2314



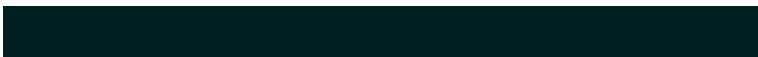
86.8070, 52.8461, -56.8357



93.4230, 1.7635, -5.6330



107.5780, 26.3370, -94.3459



21.9590, 5.4432, -19.2580

Previews

White Background



This preview shows how the YUV color 78.7110, -27.9585, 101.1085 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 78.7110, -27.9585, 101.1085

Background



This preview shows how black text looks on a background with the YUV color 78.7110, -27.9585, 101.1085.



This preview shows how white text looks on a background with the YUV color 78.7110, -27.9585,

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

78.7110, -27.9585, 101.1085

Protanopia

97.1070, -29.1398, 13.0612

Deuteranopia

93.7380, -46.2128, 29.1708



Tritanopia

78.8080, -25.0483, 101.0234

Trichromacy



Original Color

78.7110, -27.9585, 101.1085

Protanomaly

90.7180, -28.9480, 44.9743

Deuteranomaly

88.3250, -39.6002, 54.9660

Tritanomaly

78.5800, -25.9219, 101.2233

Monochromacy



Original Color

78.7110, -27.9585, 101.1085

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.1850, -10.4442, 36.6718

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7110, -27.9585, 101.1085 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(194, 31, 22)` looks like.

```
.text, #text, p{  
    color:rgb(194, 31, 22)  
}
```

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(194, 31, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 31, 22) }
```

Border

The CSS property to change the border of an element to YUV 78.7110, -27.9585, 101.1085 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(194, 31, 22) }
```


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

```
.border{ border-color:rgb(194, 31, 22) }
```

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

Here you see how a box with a 4 pixel rgb(194, 31, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 31, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 31, 22);  
box-shadow:4px 4px 4px 4px rgb(194, 31,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 78.7110, -27.9585, 101.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 31, 22) }
```

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

```
.background{ background-color: rgb(194, 31,  
22) }
```

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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