

Converting Colors

YUV(87.8910, -27.5543,
111.4746)

Have a look what the booklet for
YUV(87.8910, -27.5543, 111.4746)
contains.

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Color

**YUV(87.8910, -27.5543,
111.4746)**

Conversions

Conversions Part 1

Format	Color
Hex	D72220
RGB	215, 34, 32
RGB Percent	84%, 13%, 13%
CMY	0.1569, 0.8667, 0.8745
CMYK	0.00, 0.84, 0.85, 0.16
HSL	1°, 74%, 48%
HSV	1°, 85%, 84%
XYZ	28.8571, 15.6954, 2.8751
YIQ	87.8910, 108.5180, 37.7500

Conversions

Conversions Part 2

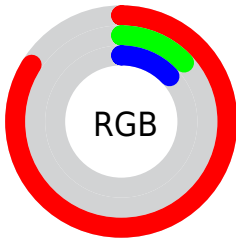
Format	Color
RYB	215, 34, 32
Decimal	14098976
CIELab	46.57, 66.34, 48.33
CIElCh	47, 82.080, 36.070
Yxy	15.6954, 0.6084, 0.3309
Android (android.graphics.Color)	4292289056 (0xFFD72220)
YUV	87.8910, -27.5543, 111.4746
Hunter-Lab	39.6174, 60.6877, 23.4295

Details

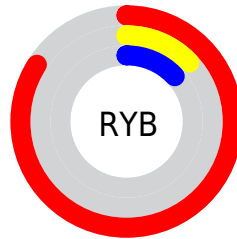
The YUV color **87.8910, -27.5543, 111.4746** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **159.1090, 27.5543, -111.4746**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9510, -32.0208, 97.3900**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **73.1700, -30.6498, 124.3849**, and if you desaturate by 10%, it is **102.6120, -24.4587, 98.5643**.

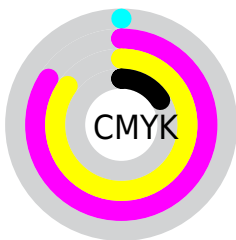
Distribution



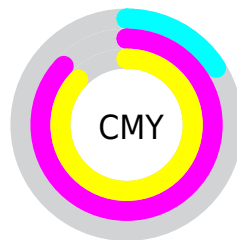
- Red (84%)
- Green (13%)
- Blue (13%)



- Red (84%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (84%)
- Yellow (85%)
- Black (16%)





- Cyan (16%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.8910, -27.5543, 111.4746 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 87.8910, -27.5543, 111.4746 by changing the saturation by 10% instead.


 87.8910, -27.5543,
111.4746

 87.8910, -27.5543,
111.4746


255.0000, 0.0000,
0.0000

 55.6290, -23.4811,
111.7044


 143.9510,
-32.0208, 97.3900

 45.1490, -22.2585,
92.8313


 163.8240,
-29.4932, 79.9614


 35.5810, -17.5414,
73.1585


 183.6970,
-26.9656, 62.5327

 26.4260, -12.5350,
54.0004

 203.7980,
-23.5644, 44.9042

 17.8690, -7.8234,
36.0719

 223.8990,
-20.1632, 27.2756

 5.6810, -2.8007,
11.6808

 244.5870,

 0.0000, 0.0000,

-17.0514, 9.1322

0.0000

■ 253.1760, -6.9888,
1.5996

■ 87.8910, -27.5543,
111.4746

■ 87.8910, -27.5543,
111.4746

■ 73.1700, -30.6498,
124.3849

■ 102.6120,
-24.4587, 98.5643

■ 65.4590, -32.2713,
131.1475

■ 118.0340,
-21.2158, 85.0392

■ 132.7550,
-18.1202, 72.1289

■ 147.5900,
-14.5879, 59.1186

■ 162.4250,
-11.0555, 46.1083

■ 177.7330, -8.2494,
32.6832

■ 192.5680, -4.7170,
19.6729

■ 207.2890, -1.6215,
6.7625

■ 222.1240, 1.9109,
-6.2477

Harmonies

Analogous

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



78.9740, 10.3658, 128.9418



87.8910, -27.5543, 111.4746



102.2310, -50.3999, 65.5724

Triad

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



87.8910, -27.5543, 111.4746



84.8310, -17.6647, -74.3968



96.5920, 75.6301, -84.7112

Complementary

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



87.8910, -27.5543, 111.4746



159.1090, 27.5543, -111.4746

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.



104.6160, 65.7583, -91.7482



87.8910, -27.5543, 111.4746



95.0280, 13.7902, -83.3396

Square

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



87.8910, -27.5543, 111.4746



87.0960, -42.9383, -41.3032



102.7800, 43.4925, -90.1381



110.4360, 55.9871, 9.2646

Rectangle

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



87.8910, -27.5543, 111.4746



104.3920, -51.4653, 33.8592



102.7800, 43.4925, -90.1381



100.7010, 73.6044, -88.3148

Sweetspot

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



87.8910, -27.5543, 111.4746



208.7340, -9.7289, 40.5753



107.5790, 52.9586, 94.2082



99.9600, -5.8963, 24.5911



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.



87.8910, -27.5543, 111.4746



78.0060, -38.4570, 155.2237



140.7210, -53.5995, 65.1427



99.8760, -1.9109, 6.2477



52.3030, -25.7854, 104.0973



12.8570, -6.3385, 26.4354

Inverse Universe

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



159.1090, 27.5543, -111.4746



176.9940, 38.4570, -155.2237



106.8660, 53.3101, -65.6575



103.7110, 1.6215, -6.7625



118.6970, 25.7854, -104.0973



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 87.8910, -27.5543, 111.4746 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 87.8910, -27.5543, 111.4746 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 87.8910, -27.5543, 111.4746

Background



This preview shows how black text looks on a background with the YUV color 87.8910, -27.5543, 111.4746.



This preview shows how white text looks on a background with the YUV color 87.8910, -27.5543,

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

87.8910, -27.5543, 111.4746

Protanopia

108.5200, -28.8504, 13.5760

Deuteranopia

104.3810, -51.4598, 32.1149



Tritanopia

87.8910, -27.5543, 111.4746

Trichromacy



Original Color

87.8910, -27.5543, 111.4746

Protanomaly

101.1530, -28.6694, 48.9778

Deuteranomaly

98.5600, -42.6741, 60.8989

Tritanomaly

87.8910, -27.5543, 111.4746

Monochromacy



Original Color

87.8910, -27.5543, 111.4746

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7340, -9.7289, 40.5753

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8910, -27.5543, 111.4746 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(215, 34, 32)` looks like.

```
.text, #text, p{  
    color:rgb(215, 34, 32)  
}
```

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(215, 34, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 34, 32) }
```

Border

The CSS property to change the border of an element to YUV 87.8910, -27.5543, 111.4746 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(215, 34, 32) }
```


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

```
.border{ border-color:rgb(215, 34, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 34, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 34, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 34, 32);  
box-shadow:4px 4px 4px 4px rgb(215, 34,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 87.8910, -27.5543, 111.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 34, 32) }
```

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

```
.background{ background-color: rgb(215, 34,  
32) }
```

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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