

Converting Colors

YUV(89.8750, -9.7984,
109.7346)

Have a look what the booklet for
YUV(89.8750, -9.7984, 109.7346)
contains.

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Color

**YUV(89.8750, -9.7984,
109.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	D71E46
RGB	215, 30, 70
RGB Percent	84%, 12%, 27%
CMY	0.1569, 0.8824, 0.7255
CMYK	0.00, 0.86, 0.67, 0.16
HSL	347°, 76%, 48%
HSV	347°, 86%, 84%
XYZ	29.5941, 15.8178, 7.2877
YIQ	89.8750, 97.4200, 51.6600

Conversions

Conversions Part 2

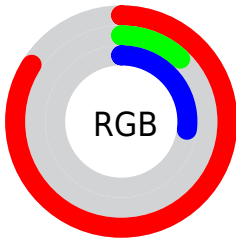
Format	Color
RYB	215, 30, 70
Decimal	14097990
CIELab	46.73, 68.48, 26.96
CIElCh	47, 73.598, 21.488
Yxy	15.8178, 0.5616, 0.3002
Android (android.graphics.Color)	4292288070 (0xFFD71E46)
YUV	89.8750, -9.7984, 109.7346
Hunter-Lab	39.7716, 63.2217, 16.9759

Details

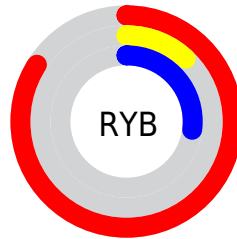
The YUV color **89.8750, -9.7984, 109.7346** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **155.1250, 9.7984, -109.7346**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.2230, -14.4069, 94.5204**, and **48.6400, -10.1755, 90.6467** is the 20% darker color. If you saturate the color by 10%, you get **75.0230, -10.8573, 122.7598**, and if you desaturate by 10%, it is **104.7270, -8.7394, 96.7094**.

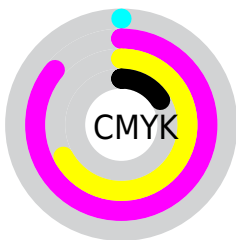
Distribution



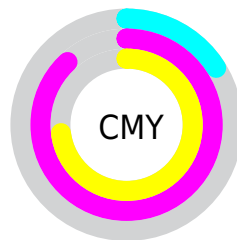
- Red (84%)
- Green (12%)
- Blue (27%)



- Red (84%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (86%)
- Yellow (67%)
- Black (16%)



- Cyan (16%)
- Magenta (88%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8750, -9.7984, 109.7346 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 89.8750, -9.7984, 109.7346 by changing the saturation by 10% instead.

■ 89.8750, -9.7984,
109.7346

■ 89.8750, -9.7984,
109.7346

255.0000, 0.0000,
0.0000

■ 60.1890, -6.0092,
107.7052

■ 147.2230,
-14.4069, 94.5204

■ 48.6400, -10.1755,
90.6467

■ 167.7970,
-11.7319, 76.4770

■ 36.4070, -16.9627,
74.1881

■ 187.7840, -8.7675,
58.9484

■ 27.0240, -12.8298,
55.2300

■ 207.8850, -5.3663,
41.3199

■ 18.5810, -7.6814,
37.2015

■ 228.6870, -1.8177,
23.0765

■ 7.2900, -3.1010,
14.6547

■ 249.6030, 2.1677,

■ 0.0000, 0.0000,

4.7332

0.0000

■ 89.8750, -9.7984,
109.7346

■ 89.8750, -9.7984,
109.7346

■ 75.0230, -10.8573,
122.7598

■ 104.7270, -8.7394,
96.7094

■ 69.5290, -11.5998,
127.5781

■ 118.9920, -7.3911,
84.1990

■ 133.2570, -6.0427,
71.6886

■ 147.9950, -5.4205,
58.7634

■ 162.8470, -4.3616,
45.7382

■ 177.1120, -3.0132,
33.2278

■ 191.9640, -1.9543,
20.2026

■ 206.2290, -0.6059,
7.6922

■ 221.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



90.9260, 19.7565, 103.5509



89.8750, -9.7984, 109.7346



99.6720, -49.1383, 80.9717

Triad

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



89.8750, -9.7984, 109.7346



79.0630, -29.6111, -69.3383



99.5780, 66.7630, -87.3299

Complementary

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



89.8750, -9.7984, 109.7346



155.1250, 9.7984, -109.7346

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.



102.3700, 52.0756, -89.7785



89.8750, -9.7984, 109.7346



90.0920, -0.0454, -79.0107

Square

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



89.8750, -9.7984, 109.7346



98.5350, -48.5778, -5.7312



98.0890, 28.0571, -86.0241



100.4030, 62.4123, -45.0804

Rectangle

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



89.8750, -9.7984, 109.7346



103.9260, -51.2355, 53.5619



98.0890, 28.0571, -86.0241



101.2420, 62.9847, -88.7892

Sweetspot

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



89.8750, -9.7984, 109.7346



210.3300, -3.6137, 39.1756



94.4450, 59.4336, 70.6467



100.9860, -1.9651, 23.6913



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.



89.8750, -9.7984, 109.7346



82.5150, -13.5649, 151.2693



115.8390, -42.3186, 86.9642



99.6310, -0.3111, 6.4626



55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Inverse Universe

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



89.8750, -9.7984, 109.7346



82.5150, -13.5649, 151.2693



129.1610, 42.3186, -86.9642



99.6310, -0.3111, 6.4626



55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 89.8750, -9.7984, 109.7346 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 89.8750, -9.7984, 109.7346 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 89.8750, -9.7984, 109.7346

Background



This preview shows how black text looks on a background with the YUV color 89.8750, -9.7984, 109.7346.



This preview shows how white text looks on a background with the YUV color 89.8750, -9.7984,

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

89.8750, -9.7984, 109.7346

Protanopia

111.2410, -5.5418, 4.1736

Deuteranopia

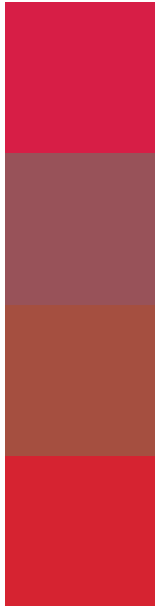
110.6120, -24.9517, 23.1423



Tritanopia

90.5100, -26.3804, 108.3007

Trichromacy



Original Color

89.8750, -9.7984, 109.7346

Protanomaly

103.7280, -7.2609, 42.3345

Deuteranomaly

103.0040, -19.2290, 54.3705

Tritanomaly

90.1170, -20.2707, 108.6454

Monochromacy



Original Color

89.8750, -9.7984, 109.7346

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7430, -3.3243, 39.6904

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8750, -9.7984, 109.7346 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, 30, 70)` looks like.

```
.text, #text, p{  
    color:rgb(215, 30, 70)  
}
```

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, 30, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 30, 70) }
```

Border

The CSS property to change the border of an element to YUV 89.8750, -9.7984, 109.7346 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, 30, 70) }
```


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

```
.border{ border-color:rgb(215, 30, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 30, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 30, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 30, 70);  
box-shadow:4px 4px 4px 4px rgb(215, 30,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 89.8750, -9.7984, 109.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 30, 70) }
```

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

```
.background{ background-color: rgb(215, 30,  
70) }
```

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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