

Converting Colors

YUV(89.7500, -33.8937,
91.4273)

Have a look what the booklet for
YUV(89.7500, -33.8937, 91.4273)
contains.

YUV(89.7500, -33.8937, 91.4273)	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(89.7500, -33.8937,
91.4273)**

Conversions

Conversions Part 1

Format	Color
Hex	C23215
RGB	194, 50, 21
RGB Percent	76%, 20%, 8%
CMY	0.2392, 0.8039, 0.9176
CMYK	0.00, 0.74, 0.89, 0.24
HSL	10°, 80%, 42%
HSV	10°, 89%, 76%
XYZ	23.5241, 13.8047, 2.1342
YIQ	89.7500, 95.1330, 21.5090

Conversions

Conversions Part 2

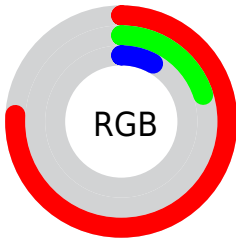
Format	Color
R _{YB}	194, 56, 21
Decimal	12726805
CIE Lab	43.95, 55.51, 49.44
CIE LCh	44, 74.339, 41.687
Yxy	13.8047, 0.5961, 0.3498
Android (android.graphics.Color)	4290916885 (0xFFC23215)
YUV	89.7500, -33.8937, 91.4273
Hunter-Lab	37.1547, 47.9948, 22.6026

Details

The YUV color **89.7500, -33.8937, 91.4273** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **125.2500, 33.8938, -91.4272**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.9200, -38.4146, 94.7862**, and **39.1690, -19.3103, 80.5358** is the 20% darker color. If you saturate the color by 10%, you get **78.1920, -37.5627, 101.5636**, and if you desaturate by 10%, it is **101.3080, -30.2248, 81.2909**.

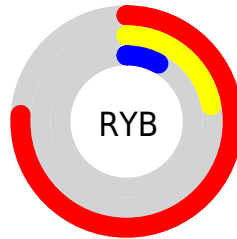
Distribution



Red (76%)

Green (20%)

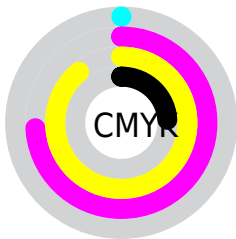
Blue (8%)



Red (76%)

Yellow (22%)

Blue (8%)

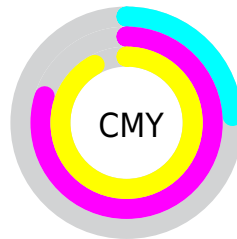


Cyan (0%)

Magenta (74%)

Yellow (89%)

Black (24%)



Cyan (24%)


Magenta (80%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.7500, -33.8937, 91.4273 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 89.7500, -33.8937, 91.4273 by changing the saturation by 10% instead.


 89.7500, -33.8937,
91.4273


 89.7500, -33.8937,
91.4273


255.0000, 0.0000,
0.0000

 55.4820, -27.3526,
93.4163


 146.9200,
-38.4146, 94.7862

 39.1690, -19.3103,
80.5358


 165.6190,
-35.3082, 78.3871


 29.9000, -14.7407,
61.4777

 184.9050,
-32.4912, 61.4733

 21.3430, -10.0291,
43.5492

 204.8920,
-29.5268, 43.9447


 12.6720, -5.7543,
25.7207


 224.9930,
-26.1255, 26.3161


 0.0000, 0.0000,
0.0000


 245.2080,


-22.2875, 8.5876


 251.9220,
-11.7935, 2.6994


 89.7500, -33.8937,
91.4273


 89.7500, -33.8937,
91.4273

 78.1920, -37.5627,
101.5636

 101.3080,
-30.2248, 81.2909

 77.3770, -38.1469,
102.2784

 112.9800,
-26.1191, 71.0545

 124.5380,
-22.4502, 60.9182

 136.7970,
-18.6339, 50.1670

 148.3550,
-14.9650, 40.0307

■ 159.9130,
-11.2961, 29.8943

■ 171.5850, -7.1904,
19.6580

■ 183.1430, -3.5215,
9.5216

■ 194.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



71.9530, 5.4462, 120.1902



89.7500, -33.8937, 91.4273



98.0120, -48.3199, 51.7325

Triad

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



89.7500, -33.8937, 91.4273



81.6170, -9.6712, -71.5781



86.9260, 69.0565, -76.2341

Complementary

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



89.7500, -33.8937, 91.4273



125.2500, 33.8938, -91.4272

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.



97.0360, 62.1003, -85.1006



89.7500, -33.8937, 91.4273



90.2010, 18.1419, -79.1063

Square

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



89.7500, -33.8937, 91.4273



75.8110, -37.3748, -52.4542



96.3400, 44.2024, -84.4902



105.0760, 45.3185, 24.4893

Rectangle

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



89.7500, -33.8937, 91.4273



97.5370, -48.0857, 23.2081



96.3400, 44.2024, -84.4902



91.2630, 67.9043, -80.0377

Sweetspot

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



89.7500, -33.8937, 91.4273



211.3760, -13.4964, 35.6272



89.1430, 37.3975, 91.9596



103.3680, -8.0694, 21.6023



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.



89.7500, -33.8937, 91.4273



100.0020, -49.3010, 133.3022



140.2320, -58.7814, 47.1545



91.1640, -2.0529, 5.1182



63.9880, -31.5461, 85.0795



13.3890, -6.6008, 17.1988

Inverse Universe

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



125.2500, 33.8938, -91.4272



151.9980, 49.3010, -133.3022



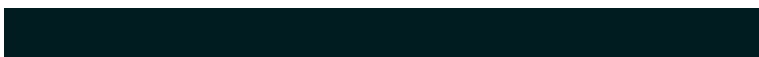
74.7680, 58.7814, -47.1545



92.8360, 2.0529, -5.1182



97.0120, 31.5461, -85.0795



20.1980, 6.3114, -17.7136

Previews

White Background



This preview shows how the YUV color 89.7500, -33.8937, 91.4273 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 89.7500, -33.8937, 91.4273 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 89.7500, -33.8937, 91.4273

Background



This preview shows how black text looks on a background with the YUV color 89.7500, -33.8937, 91.4273.



This preview shows how white text looks on a background with the YUV color 89.7500, -33.8937,

91.4273.

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

89.7500, -33.8937, 91.4273

Protanopia

100.4940, -32.7815, 14.4758

Deuteranopia

97.5810, -48.1074, 30.1855



Tritanopia

91.4800, -20.9426, 90.7870

Trichromacy



Original Color

89.7500, -33.8937, 91.4273

Protanomaly

96.5560, -33.3051, 42.4854

Deuteranomaly

94.8040, -42.7944, 52.7919

Tritanomaly

90.9270, -25.6000, 91.2720

Monochromacy



Original Color

89.7500, -33.8937, 91.4273

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7070, -12.1806, 33.5830

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7500, -33.8937, 91.4273 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, 50, 21)` looks like.

```
.text, #text, p{  
    color:rgb(194, 50, 21)  
}
```

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, 50, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 50, 21) }
```

Border

The CSS property to change the border of an element to YUV 89.7500, -33.8937, 91.4273 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, 50, 21) }
```


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

```
.border{ border-color:rgb(194, 50, 21) }
```

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

Here you see how a box with a 4 pixel rgb(194, 50, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 50, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 50, 21);  
box-shadow:4px 4px 4px 4px rgb(194, 50,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 89.7500, -33.8937, 91.4273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 50, 21) }
```

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

```
.background{ background-color: rgb(194, 50,  
21) }
```

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