

Converting Colors

YUV(109.2090, -43.4870,
88.3937)

Have a look what the booklet for
YUV(109.2090, -43.4870, 88.3937)
contains.

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Color

**YUV(109.2090, -43.4870,
88.3937)**

Conversions

Conversions Part 1

Format	Color
Hex	D24B15
RGB	210, 75, 21
RGB Percent	82%, 29%, 8%
CMY	0.1765, 0.7059, 0.9176
CMYK	0.00, 0.64, 0.90, 0.18
HSL	17°, 82%, 45%
HSV	17°, 90%, 82%
XYZ	29.2298, 18.7879, 2.7953
YIQ	109.2090, 97.7940, 11.8260

Conversions

Conversions Part 2

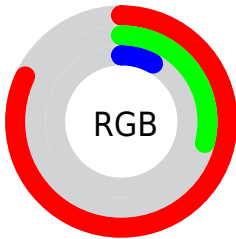
Format	Color
RYB	210, 97, 21
Decimal	13781781
CIELab	50.44, 51.12, 55.55
CIELCh	50, 75.492, 47.376
Yxy	18.7879, 0.5752, 0.3697
Android (android.graphics.Color)	4291971861 (0xFFD24B15)
YUV	109.2090, -43.4870, 88.3937
Hunter-Lab	43.3451, 44.5178, 26.5179

Details

The YUV color **109.2090, -43.4870, 88.3937** 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 **121.7910, 43.4870, -88.3937**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1760, -43.4708, 83.1606**, and **50.4100, -24.8521, 84.7094** is the 20% darker color. If you saturate the color by 10%, you get **98.0100, -48.3189, 98.2152**, and if you desaturate by 10%, it is **120.4080, -38.6551, 78.5722**.

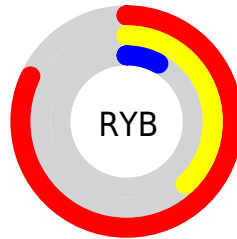
Distribution



Red (82%)

Green (29%)

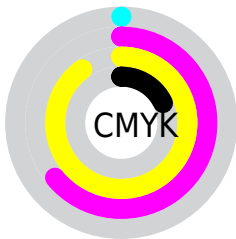
Blue (8%)



Red (82%)

Yellow (38%)

Blue (8%)

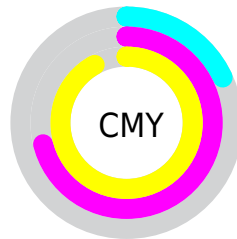


Cyan (0%)

Magenta (64%)

Yellow (90%)

Black (18%)



Cyan (18%)


Magenta (71%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.2090, -43.4870, 88.3937 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 109.2090, -43.4870, 88.3937 by changing the saturation by 10% instead.


 109.2090,
-43.4870, 88.3937


 109.2090,
-43.4870, 88.3937


255.0000, 0.0000,
0.0000

 80.8110, -39.8398,
85.2348


 160.1760,
-43.4708, 83.1606


 50.4100, -24.8521,
84.7094


 179.5760,
-40.2170, 66.1468


 34.6840, -17.0992,
71.3141


 198.9760,
-36.9632, 49.1330

 25.7140, -12.6770,
52.8708

 218.3760,
-33.7094, 32.1192

 17.8690, -7.8234,
36.0719

 239.0640,
-30.5976, 13.9759

 6.5780, -3.2430,
13.5251

 249.3000,

 0.0000, 0.0000,

-21.8399, 4.9989

0.0000

252.6060, -9.1728,
2.0995

109.2090,
-43.4870, 88.3937

109.2090,
-43.4870, 88.3937

98.0100, -48.3189,
98.2152

120.4080,
-38.6551, 78.5722

131.6070,
-33.8233, 68.7507

142.8060,
-28.9914, 58.9291

154.0050,
-24.1595, 49.1076

165.2040,
-19.3276, 39.2861

■ 176.4030,
-14.4957, 29.4646

■ 187.6020, -9.6638,
19.6430

■ 198.8010, -4.8319,
9.8215

■ 210.0000, 0.0000,
0.0000

Harmonies

Analogous

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



99.7060, -6.7571, 114.2678



109.2090, -43.4870, 88.3937



113.0410, -55.7292, 48.1990

Triad

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



109.2090, -43.4870, 88.3937



95.9620, -2.9393, -84.1587



95.3210, 73.2987, -83.5965

Complementary

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



109.2090, -43.4870, 88.3937



121.7910, 43.4870, -88.3937

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.



107.9900, 68.5319, -94.7072



109.2090, -43.4870, 88.3937



104.7740, 25.7474, -91.8868

Square

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



109.2090, -43.4870, 88.3937



83.5480, -35.2732, -73.2716



109.5110, 51.5131, -96.0411



121.7790, 42.5070, 39.6588

Rectangle

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



109.2090, -43.4870, 88.3937



111.6690, -55.0528, 17.8303



109.5110, 51.5131, -96.0411



100.5870, 73.1676, -88.2148

Sweetspot

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



109.2090, -43.4870, 88.3937



218.3710, -15.9589, 32.1236



92.9010, 31.1078, 102.6958



105.7160, -9.2270, 19.5431



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.



109.2090, -43.4870, 88.3937



119.0960, -58.7143, 119.1878



164.3870, -70.6898, 40.0026



99.0500, -2.4897, 5.2181



78.4080, -38.6551, 78.5722



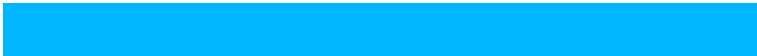
19.3030, -9.5164, 19.0283

Inverse Universe

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



121.7910, 43.4870, -88.3937



135.9040, 58.7143, -119.1878



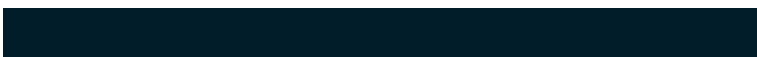
66.6130, 70.6898, -40.0026



99.9500, 2.4897, -5.2181



89.5920, 38.6551, -78.5722



21.6970, 9.5164, -19.0283

Previews

White Background



This preview shows how the YUV color 109.2090, -43.4870, 88.3937 looks on a white 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

Black Background



This preview shows how the YUV color 109.2090, -43.4870, 88.3937 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.2090, -43.4870, 88.3937

Background



This preview shows how black text looks on a background with the YUV color 109.2090, -43.4870, 88.3937.



This preview shows how white text looks on a background with the YUV color 109.2090, -43.4870,

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

109.2090, -43.4870, 88.3937

Protanopia

115.1540, -40.5019, 17.4049

Deuteranopia

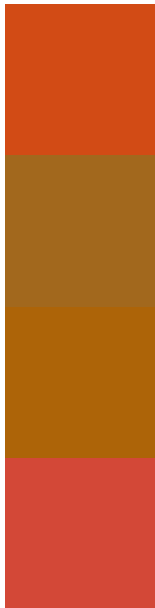
112.9530, -55.6858, 34.2442



Tritanopia

112.6150, -19.0372, 86.2836

Trichromacy



Original Color

109.2090, -43.4870, 88.3937

Protanomaly

112.7920, -41.3095, 43.1554

Deuteranomaly

111.3390, -50.9461, 54.0767

Tritanomaly

111.6230, -27.9151, 87.1536

Monochromacy



Original Color

109.2090, -43.4870, 88.3937

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.3710, -15.9589, 32.1236

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2090, -43.4870, 88.3937 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(210, 75, 21)` looks like.

```
.text, #text, p{  
    color:rgb(210, 75, 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(210, 75, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 75, 21) }
```

Border

The CSS property to change the border of an element to YUV 109.2090, -43.4870, 88.3937 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(210, 75, 21) }
```


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

```
.border{ border-color:rgb(210, 75, 21) }
```

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

Here you see how a box with a 4 pixel rgb(210, 75, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 75, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 75, 21);  
box-shadow:4px 4px 4px 4px rgb(210, 75,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 109.2090, -43.4870, 88.3937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 75, 21) }
```

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

```
.background{ background-color: rgb(210, 75,  
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](#).

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