

Converting Colors

YUV(114.5210, -50.0499,
93.3821)

Have a look what the booklet for
YUV(114.5210, -50.0499, 93.3821)
contains.

YUV(114.5210, -50.0499, 93.3821)	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(114.5210, -50.0499,
93.3821)**

Conversions

Conversions Part 1

Format	Color
Hex	DD500D
RGB	221, 80, 13
RGB Percent	87%, 31%, 5%
CMY	0.1333, 0.6863, 0.9490
CMYK	0.00, 0.64, 0.94, 0.13
HSL	19°, 89%, 46%
HSV	19°, 94%, 87%
XYZ	32.7601, 21.1385, 2.7343
YIQ	114.5210, 105.5430, 9.0550

Conversions

Conversions Part 2

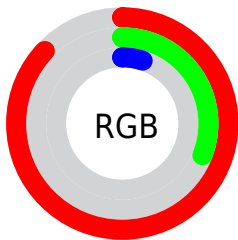
Format	Color
RYB	221, 112, 13
Decimal	14503949
CIELab	53.10, 52.72, 60.57
CIELCh	53, 80.301, 48.965
Yxy	21.1385, 0.5785, 0.3733
Android (android.graphics.Color)	4292694029 (0xFFDD500D)
YUV	114.5210, -50.0499, 93.3821
Hunter-Lab	45.9767, 46.7288, 28.6576

Details

The YUV color **114.5210, -50.0499, 93.3821** 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 **119.4790, 50.0499, -93.3821**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3560, -46.5175, 80.3718**, and **57.5090, -28.3519, 87.2536** is the 20% darker color. If you saturate the color by 10%, you get **107.7560, -53.1237, 99.3150**, and if you desaturate by 10%, it is **125.8340, -44.7812, 83.4606**.

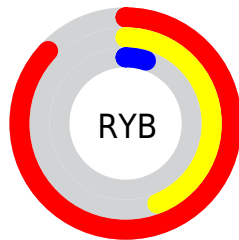
Distribution



Red (87%)

Green (31%)

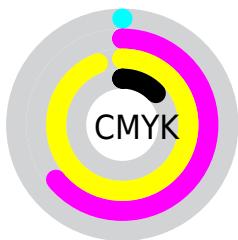
Blue (5%)



Red (87%)

Yellow (44%)

Blue (5%)

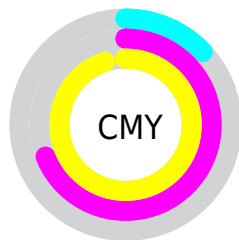


Cyan (0%)

Magenta (64%)

Yellow (94%)

Black (13%)



Cyan (13%)

Magenta (69%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.5210, -50.0499, 93.3821 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 114.5210, -50.0499, 93.3821 by changing the saturation by 10% instead.

■ 114.5210,
-50.0499, 93.3821

■ 114.5210,
-50.0499, 93.3821

■ 255.0000, 0.0000,
0.0000

■ 87.0350, -42.9083,
89.4233

■ 163.3560,
-46.5175, 80.3718

■ 57.5090, -28.3519,
87.2536

■ 182.0550,
-43.4111, 63.9728

■ 37.6740, -18.5733,
77.4619

■ 202.0420,
-40.4467, 46.4442

■ 28.4050, -14.0037,
58.4038

■ 221.5560,
-36.7561, 29.3304

■ 20.1470, -9.4395,
41.0901

■ 242.3580,
-33.2075, 11.0870


■ 11.1770, -5.0173,
22.6468


■ 249.0720,


■ 0.0000, 0.0000,


-22.7135, 5.1989


0.0000


 252.2640,
-10.4832, 2.3995

 114.5210,
-50.0499, 93.3821


 114.5210,
-50.0499, 93.3821


 107.7560,
-53.1237, 99.3150

 125.8340,
-44.7812, 83.4606

 137.1470,
-39.5125, 73.5391

 148.4600,
-34.2438, 63.6176

 159.7730,
-28.9751, 53.6961

 171.2000,
-23.2696, 43.6746

■ 182.5130,
-18.0009, 33.7531

■ 193.8260,
-12.7322, 23.8316

■ 205.1390, -7.4635,
13.9101

■ 216.4520, -2.1948,
3.9886

Harmonies

Analogous

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



102.8320, -7.8052, 123.8043



114.5210, -50.0499, 93.3821



119.8300, -59.0762, 48.3841

Triad

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



114.5210, -50.0499, 93.3821



101.5700, -1.7600, -89.0769



106.6860, 73.1188, -72.5156

Complementary

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



114.5210, -50.0499, 93.3821



119.4790, 50.0499, -93.3821

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.



113.0110, 70.0006, -99.1106



114.5210, -50.0499, 93.3821



110.9520, 29.1107, -97.3049

Square

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



114.5210, -50.0499, 93.3821



89.1730, -36.5673, -78.2047



116.1450, 56.6235, -101.8592



128.1050, 44.8112, 47.2659

Rectangle

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



114.5210, -50.0499, 93.3821



117.2620, -57.8102, 15.5562



116.1450, 56.6235, -101.8592



104.7930, 74.0521, -91.9035

Sweetspot

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



114.5210, -50.0499, 93.3821



218.7300, -17.1219, 31.8088



91.3800, 31.3647, 113.6767



105.3740, -10.5374, 19.8430



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.



114.5210, -50.0499, 93.3821



124.3790, -61.3188, 114.5546



174.9820, -79.8571, 40.3578



104.0500, -2.4896, 5.2182



84.5990, -41.7073, 77.5277



22.5590, -11.1216, 20.5578

Inverse Universe

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



119.4790, 50.0499, -93.3821



130.6210, 61.3188, -114.5546



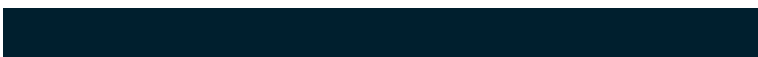
59.0180, 79.8571, -40.3578



104.3630, 2.7790, -4.7034



88.9880, 41.4179, -78.0425



23.4410, 11.1216, -20.5578

Previews

White Background



This preview shows how the YUV color 114.5210, -50.0499, 93.3821 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 114.5210, -50.0499, 93.3821 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 114.5210, -50.0499, 93.3821 Background



This preview shows how black text looks on a background with the YUV color 114.5210, -50.0499, 93.3821.



This preview shows how white text looks on a background with the YUV color 114.5210, -50.0499, 93.3821.

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

114.5210, -50.0499, 93.3821

Protanopia

120.9710, -46.3277, 19.3194

Deuteranopia

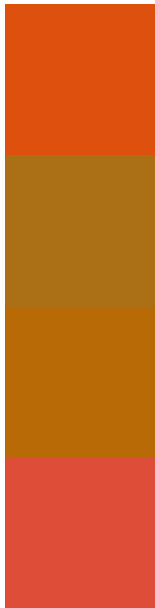
119.1660, -58.7488, 36.6884



Tritanopia

119.7080, -20.0690, 90.5871

Trichromacy



Original Color

114.5210, -50.0499, 93.3821

Protanomaly

118.7940, -47.7194, 45.7847

Deuteranomaly

117.5090, -55.4669, 57.4356

Tritanomaly

117.8470, -30.9836, 91.3422

Monochromacy



Original Color

114.5210, -50.0499, 93.3821

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8120, -18.1483, 34.3679

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5210, -50.0499, 93.3821 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(221, 80, 13)` looks like.

```
.text, #text, p{  
    color:rgb(221, 80, 13)  
}
```

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(221, 80, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 80, 13) }
```

Border

The CSS property to change the border of an element to YUV 114.5210, -50.0499, 93.3821 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(221, 80, 13) }
```


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

```
.border{ border-color:rgb(221, 80, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 80, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 80, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 80, 13);  
box-shadow:4px 4px 4px 4px rgb(221, 80,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 114.5210, -50.0499, 93.3821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 80, 13) }
```

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

```
.background{ background-color: rgb(221, 80,  
13) }
```

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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