

Converting Colors

YUV(163.9210, -73.9111,
46.5503)

Have a look what the booklet for
YUV(163.9210, -73.9111, 46.5503)
contains.

YUV(163.9210, -73.9111, 46.5503)	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(163.9210, -73.9111,
46.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A60E
RGB	217, 166, 14
RGB Percent	85%, 65%, 5%
CMY	0.1490, 0.3490, 0.9451
CMYK	0.00, 0.24, 0.94, 0.15
HSL	45°, 88%, 45%
HSV	45°, 94%, 85%
XYZ	42.3308, 42.0559, 6.3020
YIQ	163.9210, 79.1880, -36.4600

Conversions

Conversions Part 2

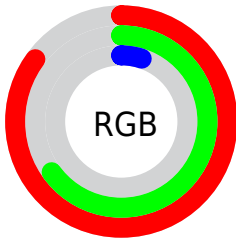
Format	Color
R _{YB}	82, 217, 14
Decimal	14263822
CIE _{Lab}	70.91, 7.23, 72.48
CIE _{LCh}	71, 72.840, 84.307
Yxy	42.0559, 0.4668, 0.4637
Android (android.graphics.Color)	4292453902 (0xFFD9A60E)
YUV	163.9210, -73.9111, 46.5503
Hunter-Lab	64.8505, 3.0264, 39.6337

Details

The YUV color **163.9210, -73.9111, 46.5503** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **67.0790, 73.9111, -46.5503**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3200, -65.7268, 34.7994**, and **114.4480, -56.4229, 37.3181** is the 20% darker color. If you saturate the color by 10%, you get **159.9770, -78.8687, 50.0092**, and if you desaturate by 10%, it is **169.3640, -65.7485, 41.7768**.

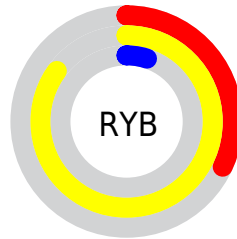
Distribution



Red (85%)

Green (65%)

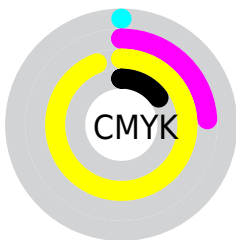
Blue (5%)



Red (32%)

Yellow (85%)

Blue (5%)

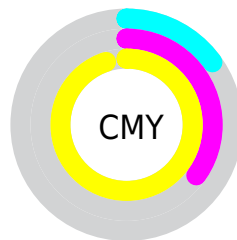


Cyan (0%)

Magenta (24%)

Yellow (94%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9210, -73.9111, 46.5503 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 163.9210, -73.9111, 46.5503 by changing the saturation by 10% instead.

■ 163.9210,
-73.9111, 46.5503

■ 163.9210,
-73.9111, 46.5503

■ 255.0000, 0.0000,
0.0000

■ 138.0930,
-68.0798, 42.8914

■ 215.3200,
-65.7268, 34.7994

■ 114.4480,
-56.4229, 37.3181

■ 234.9480,
-61.5994, 17.5856

■ 91.1020, -44.9133,
32.3595

■ 241.6620,
-51.1054, 11.6974

■ 68.9300, -33.9825,
26.3714

■ 244.9680,
-38.4382, 8.7981

■ 47.6440, -23.4885,
20.4832

■ 248.1600,
-26.2079, 5.9987

■ 28.4290, -14.0155,
15.4098

■ 251.4660,

■ 6.2790, -3.0955,

-13.5407, 3.0993

12.9103

254.8860, -0.4368,
0.1000

■ 0.0000, 0.0000,
0.0000

■ 163.9210,
-73.9111, 46.5503

■ 163.9210,
-73.9111, 46.5503

■ 159.9770,
-78.8687, 50.0092

■ 169.3640,
-65.7485, 41.7768

■ 175.2800,
-58.3120, 36.5884

■ 180.7230,
-50.1494, 31.8149

■ 186.7530,
-42.2762, 26.5266

■ 192.0820,
-34.5504, 21.8531

■ 198.1120,
-26.6772, 16.5648

■ 203.5550,
-18.5146, 11.7913

■ 209.5850,
-10.6414, 6.5030

■ 214.9140, -2.9156,
1.8294

Harmonies

Analogous

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



165.2480, -49.4223, 78.7125



163.9210, -73.9111, 46.5503



158.9900, -62.1131, -4.3762

Triad

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



163.9210, -73.9111, 46.5503



145.5120, 39.6806, -127.6140



177.6840, 36.6378, 55.5281

Complementary

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



163.9210, -73.9111, 46.5503



67.0790, 73.9111, -46.5503

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.



168.1280, 42.8279, -16.7753



163.9210, -73.9111, 46.5503



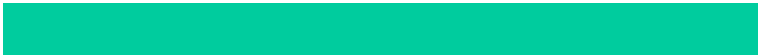
145.8830, 53.7947, -127.9394

Square

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



163.9210, -73.9111, 46.5503



137.7600, 9.9783, -120.8155



137.6650, 57.8462, -120.7322



161.7740, 13.4224, 81.7592

Rectangle

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



163.9210, -73.9111, 46.5503



152.4590, -40.1593, -46.0065



137.6650, 57.8462, -120.7322



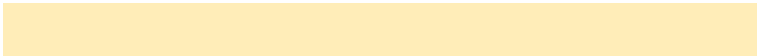
176.7200, 38.5920, 35.3256

Sweetspot

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



163.9210, -73.9111, 46.5503



236.3400, -25.8036, 16.3648



80.8530, -6.3365, 119.4009



116.5270, -16.0358, 10.0618



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.



163.9210, -73.9111, 46.5503



188.3620, -92.8625, 58.4415



179.8050, -81.7419, -8.5990



106.9850, -3.9366, 2.6442



128.0370, -63.1222, 39.4326



33.7120, -16.6200, 10.7766

Inverse Universe

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



67.0790, 73.9111, -46.5503



66.6380, 92.8625, -58.4415



51.1950, 81.7419, 8.5990



101.4280, 4.2260, -2.1294



45.5500, 62.8329, -39.9474



12.2880, 16.6200, -10.7766

Previews

White Background



This preview shows how the YUV color 163.9210, -73.9111, 46.5503 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 163.9210, -73.9111, 46.5503 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 ✓ Pass

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

YUV 163.9210, -73.9111, 46.5503

Background



This preview shows how black text looks on a background with the YUV color 163.9210, -73.9111, 46.5503.



This preview shows how white text looks on a background with the YUV color 163.9210, -73.9111,

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

163.9210, -73.9111, 46.5503

Protanopia

162.7940, -71.3834, 29.1217

Deuteranopia

164.4590, -73.1903, 48.7095



Tritanopia

176.5970, -5.2243, 42.4494

Trichromacy



Original Color

163.9210, -73.9111, 46.5503

Protanomaly

163.3110, -72.1313, 35.6843

Deuteranomaly

164.0460, -73.4797, 48.1947

Tritanomaly

171.7780, -29.9636, 44.0447

Monochromacy



Original Color

163.9210, -73.9111, 46.5503

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9980, -27.1140, 16.6648

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9210, -73.9111, 46.5503 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(217, 166, 14)` looks like.

```
.text, #text, p{  
    color:rgb(217, 166, 14)  
}
```

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(217, 166, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 166, 14) }
```

Border

The CSS property to change the border of an element to YUV 163.9210, -73.9111, 46.5503 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(217, 166, 14) }
```


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

```
.border{ border-color:rgb(217, 166, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 166, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 166, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 166, 14);  
box-shadow:4px 4px 4px 4px rgb(217, 166,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 163.9210, -73.9111, 46.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 166, 14) }
```

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

```
.background{ background-color: rgb(217,  
166, 14) }
```

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