

Converting Colors

YUV(163.8250, -78.3007,
54.5275)

Have a look what the booklet for
YUV(163.8250, -78.3007, 54.5275)
contains.

YUV(163.8250, -78.3007, 54.5275)	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(163.8250, -78.3007,
54.5275)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A305
RGB	226, 163, 5
RGB Percent	89%, 64%, 2%
CMY	0.1137, 0.3608, 0.9804
CMYK	0.00, 0.28, 0.98, 0.11
HSL	43°, 96%, 45%
HSV	43°, 98%, 89%
XYZ	44.4886, 42.3741, 5.9778
YIQ	163.8250, 88.2660, -35.7820

Conversions

Conversions Part 2

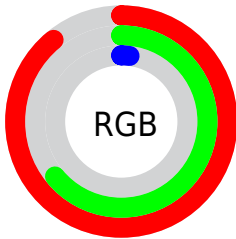
Format	Color
R_{YB}	93, 226, 5
Decimal	14852869
CIE _{Lab}	71.13, 12.66, 74.21
CIE _{LCh}	71, 75.280, 80.315
Yxy	42.3741, 0.4792, 0.4564
Android (android.graphics.Color)	4293042949 (0xFFE2A305)
YUV	163.8250, -78.3007, 54.5275
Hunter-Lab	65.0954, 8.0766, 40.1221

Details

The YUV color **163.8250, -78.3007, 54.5275** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **67.1750, 78.3007, -54.5275**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2170, -66.1690, 36.6437**, and **115.0790, -56.7339, 43.7807** is the 20% darker color. If you saturate the color by 10%, you get **162.6680, -80.1953, 55.5422**, and if you desaturate by 10%, it is **169.9690, -69.9907, 49.1392**.

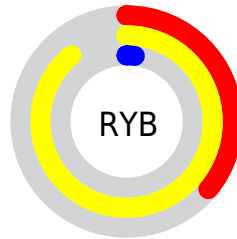
Distribution



Red (89%)

Green (64%)

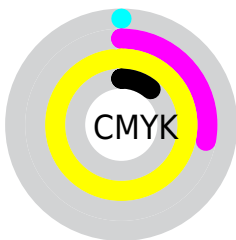
Blue (2%)



Red (36%)

Yellow (89%)

Blue (2%)

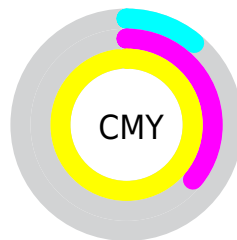


Cyan (0%)

Magenta (28%)

Yellow (98%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8250, -78.3007, 54.5275 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 163.8250, -78.3007, 54.5275 by changing the saturation by 10% instead.

163.8250,
-78.3007, 54.5275

163.8250,
-78.3007, 54.5275

255.0000, 0.0000,
0.0000

138.7240,
-68.3909, 49.3541

213.2170,
-66.1690, 36.6437

115.0790,
-56.7339, 43.7807

232.9590,
-61.6048, 19.3300

91.4340, -45.0770,
38.2074

241.4340,
-51.9790, 11.8974

69.2620, -34.1462,
32.2192

244.6260,
-39.7486, 9.0980

47.9760, -23.6522,
26.3310

247.8180,
-27.5183, 6.2986

28.4620, -14.0318,
20.6428

251.2380,

8.3720, -4.1274,

-14.4143, 3.2993

17.2138

254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 163.8250,
-78.3007, 54.5275

■ 163.8250,
-78.3007, 54.5275

■ 162.6680,
-80.1953, 55.5422

■ 169.9690,
-69.9907, 49.1392

■ 176.5860,
-62.4069, 43.3361

■ 182.7300,
-54.0969, 37.9478

■ 189.3470,
-46.5131, 32.1447

■ 195.4910,
-38.2031, 26.7564

■ 202.2220,
-30.1824, 20.8533

■ 208.2520,
-22.3092, 15.5650

■ 214.9830,
-14.2886, 9.6619

■ 221.0130, -6.4154,
4.3736

Harmonies

Analogous

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



162.7690, -46.2281, 80.8866



163.8250, -78.3007, 54.5275



158.9280, -71.4495, 3.5711

Triad

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



163.8250, -78.3007, 54.5275



146.0020, 36.4810, -128.0438



177.6940, 38.1119, 49.3804

Complementary

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



163.8250, -78.3007, 54.5275



67.1750, 78.3007, -54.5275

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.



164.1970, 44.7659, -31.7448



163.8250, -78.3007, 54.5275



147.0570, 53.2159, -128.9690

Square

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



163.8250, -78.3007, 54.5275



137.3210, 5.7577, -120.4305



140.0130, 56.6886, -122.7914



162.3270, 18.0798, 81.2742

Rectangle

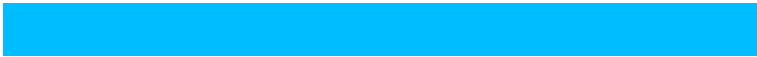
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163.8250, -78.3007, 54.5275



153.4940, -46.5855, -38.1442



140.0130, 56.6886, -122.7914



176.0780, 38.9085, 27.1186

Sweetspot

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



163.8250, -78.3007, 54.5275



234.2370, -26.2458, 18.2092



78.6030, -3.7483, 129.2672



115.2390, -15.8938, 11.1914



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.



163.8250, -78.3007, 54.5275



183.0790, -90.2579, 63.0747



187.6500, -90.0465, -4.9551



108.9850, -3.9366, 2.6442



126.5860, -62.4069, 43.3361



34.8970, -17.2042, 11.4913

Inverse Universe

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



67.1750, 78.3007, -54.5275



71.9210, 90.2579, -63.0747



43.3500, 90.0465, 4.9551



104.0150, 3.9366, -2.6442



49.4140, 62.4069, -43.3361



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 163.8250, -78.3007, 54.5275 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 163.8250, -78.3007, 54.5275 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 163.8250, -78.3007, 54.5275

Background



This preview shows how black text looks on a background with the YUV color 163.8250, -78.3007, 54.5275.



This preview shows how white text looks on a background with the YUV color 163.8250, -78.3007,

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

163.8250, -78.3007, 54.5275

Protanopia

163.2240, -73.5674, 29.6216

Deuteranopia

162.9340, -80.3265, 50.9239



Tritanopia

177.4730, -7.1352, 48.6972

Trichromacy



Original Color

163.8250, -78.3007, 54.5275

Protanomaly

163.8230, -75.3417, 38.7432

Deuteranomaly

163.1730, -79.4583, 52.4683

Tritanomaly

172.4260, -32.7480, 50.4924

Monochromacy



Original Color

163.8250, -78.3007, 54.5275

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2650, -28.7246, 19.9386

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8250, -78.3007, 54.5275 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(226, 163, 5)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 5)  
}
```

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(226, 163, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 5) }
```

Border

The CSS property to change the border of an element to YUV 163.8250, -78.3007, 54.5275 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(226, 163, 5) }
```


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

```
.border{ border-color:rgb(226, 163, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 5);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 163.8250, -78.3007, 54.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 5) }
```

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

```
.background{ background-color: rgb(226,  
163, 5) }
```

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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