

Converting Colors

YUV(137.7920, -51.1695,
79.1124)

Have a look what the booklet for
YUV(137.7920, -51.1695, 79.1124)
contains.

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Color

**YUV(137.7920, -51.1695,
79.1124)**

Conversions

Conversions Part 1

Format	Color
Hex	E47022
RGB	228, 112, 34
RGB Percent	89%, 44%, 13%
CMY	0.1059, 0.5608, 0.8667
CMYK	0.00, 0.51, 0.85, 0.11
HSL	24°, 78%, 51%
HSV	24°, 85%, 89%
XYZ	38.0778, 28.1978, 4.9492
YIQ	137.7920, 94.1740, 0.3340

Conversions

Conversions Part 2

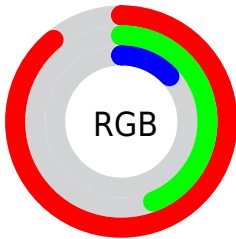
Format	Color
R _Y B	228, 164, 34
Decimal	14970914
CIE Lab	60.07, 40.72, 59.77
CIE LCh	60, 72.325, 55.737
Yxy	28.1978, 0.5346, 0.3959
Android (android.graphics.Color)	4293160994 (0xFFE47022)
YUV	137.7920, -51.1695, 79.1124
Hunter-Lab	53.1016, 35.0700, 31.6452

Details

The YUV color **137.7920, -51.1695, 79.1124** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **124.2080, 51.1695, -79.1124**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6050, -47.6263, 62.6134**, and **85.1420, -41.9750, 70.0355** is the 20% darker color. If you saturate the color by 10%, you get **126.9520, -57.1643, 88.6191**, and if you desaturate by 10%, it is **148.6320, -45.1746, 69.6057**.

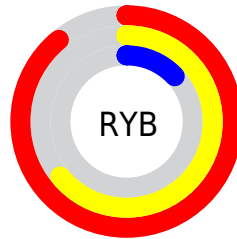
Distribution



Red (89%)

Green (44%)

Blue (13%)



Red (89%)

Yellow (64%)

Blue (13%)

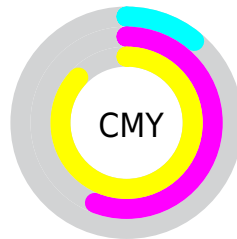


Cyan (0%)

Magenta (51%)

Yellow (85%)

Black (11%)



Cyan (11%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7920, -51.1695, 79.1124 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 137.7920, -51.1695, 79.1124 by changing the saturation by 10% instead.

137.7920,
-51.1695, 79.1124

137.7920,
-51.1695, 79.1124

255.0000, 0.0000,
0.0000

109.0860,
-53.7794, 76.2236

183.6050,
-47.6263, 62.6134

85.1420, -41.9750,
70.0355

202.4180,
-44.0831, 46.1144

60.9100, -30.0286,
64.9769

222.5190,
-40.6819, 28.4858

32.2700, -15.9091,
62.9072

242.6200,
-37.2807, 10.8573

22.4250, -11.0555,
46.1083

248.1600,
-26.2079, 5.9987

15.4770, -6.6442,
31.1537

251.3520,

0.0000, 0.0000,

-13.9775, 3.1993

0.0000

254.6580, -1.3104,
0.2999

■ 137.7920,
-51.1695, 79.1124

■ 137.7920,
-51.1695, 79.1124

■ 126.9520,
-57.1643, 88.6191

■ 148.6320,
-45.1746, 69.6057

■ 122.1760,
-60.2328, 92.8076

■ 158.8850,
-38.8903, 60.6139

■ 169.6110,
-33.3322, 51.2072

■ 180.4510,
-27.3373, 41.7005

■ 190.7040,
-21.0531, 32.7086

■ 201.5440,
-15.0582, 23.2019

■ 211.7970, -8.7739,
14.2100

■ 222.5230, -3.2158,
4.8033

■ 233.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



135.3830, -20.4018, 104.0271



137.7920, -51.1695, 79.1124



135.7120, -66.9060, 39.7176

Triad

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



137.7920, -51.1695, 79.1124



116.7130, 8.0295, -102.3573



143.0320, 55.2002, -18.4451

Complementary

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



137.7920, -51.1695, 79.1124



124.2080, 51.1695, -79.1124

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.



120.0550, 66.5279, -105.2882



137.7920, -51.1695, 79.1124



124.2370, 36.8582, -108.9558

Square

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



137.7920, -51.1695, 79.1124



106.3680, -18.9154, -93.2847



127.1160, 60.5818, -111.4807



146.9400, 35.0326, 57.0576

Rectangle

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



137.7920, -51.1695, 79.1124



131.6820, -64.9192, 9.0489



127.1160, 60.5818, -111.4807



130.9730, 61.1453, -58.7353

Sweetspot

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



137.7920, -51.1695, 79.1124



223.9960, -17.2530, 27.1905



105.2300, 22.0716, 107.6693



109.3520, -10.5265, 16.3543



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.



137.7920, -51.1695, 79.1124



136.7060, -67.3961, 103.7438



194.7310, -79.2404, 29.1769



109.5230, -3.2158, 4.8033



95.7850, -47.2220, 72.9796



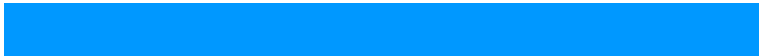
27.5760, -13.5950, 20.5428

Inverse Universe

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



124.2080, 51.1695, -79.1124



118.2940, 67.3961, -103.7438



67.2690, 79.2404, -29.1769



108.4770, 3.2158, -4.8033



83.2150, 47.2220, -72.9796



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 137.7920, -51.1695, 79.1124 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 137.7920, -51.1695, 79.1124 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 137.7920, -51.1695, 79.1124 Background



This preview shows how black text looks on a background with the YUV color 137.7920, -51.1695, 79.1124.



This preview shows how white text looks on a background with the YUV color 137.7920, -51.1695, 79.1124.

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

137.7920, -51.1695, 79.1124

Protanopia

139.3410, -47.4961, 20.7489

Deuteranopia

137.8890, -58.6123, 39.5623



Tritanopia

143.4720, -15.5157, 76.7621

Trichromacy



Original Color

137.7920, -51.1695, 79.1124

Protanomaly

139.1310, -48.8716, 41.9811

Deuteranomaly

137.9600, -56.1823, 53.5321

Tritanomaly

141.7420, -28.4668, 77.4023

Monochromacy



Original Color

137.7920, -51.1695, 79.1124

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.2520, -18.8582, 28.7200

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7920, -51.1695, 79.1124 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(228, 112, 34)` looks like.

```
.text, #text, p{  
    color:rgb(228, 112, 34)  
}
```

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(228, 112, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 112, 34) }
```

Border

The CSS property to change the border of an element to YUV 137.7920, -51.1695, 79.1124 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(228, 112, 34) }
```


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

```
.border{ border-color:rgb(228, 112, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 112, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 112, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 112, 34);  
box-shadow:4px 4px 4px 4px rgb(228, 112,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 137.7920, -51.1695, 79.1124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 112, 34) }
```

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

```
.background{ background-color: rgb(228,  
112, 34) }
```

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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