

Converting Colors

YUV(137.0740, -59.1965,
40.2771)

Have a look what the booklet for
YUV(137.0740, -59.1965, 40.2771)
contains.

YUV(137.0740, -59.1965, 40.2771)	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(137.0740, -59.1965,
40.2771)**

Conversions

Conversions Part 1

Format	Color
Hex	B78911
RGB	183, 137, 17
RGB Percent	72%, 54%, 7%
CMY	0.2824, 0.4627, 0.9333
CMYK	0.00, 0.25, 0.91, 0.28
HSL	43°, 83%, 39%
HSV	43°, 91%, 72%
XYZ	28.5753, 27.9991, 4.4286
YIQ	137.0740, 65.9360, -27.5680

Conversions

Conversions Part 2

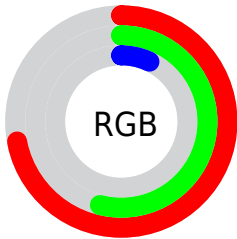
Format	Color
R_{YB}	81, 183, 17
Decimal	12028177
CIE _{Lab}	59.89, 7.85, 62.06
CIE _{LCh}	60, 62.556, 82.789
Yxy	27.9991, 0.4684, 0.4590
Android (android.graphics.Color)	4290218257 (0xFFB78911)
YUV	137.0740, -59.1965, 40.2771
Hunter-Lab	52.9141, 3.7958, 32.0777

Details

The YUV color **137.0740, -59.1965, 40.2771** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **62.9260, 59.1965, -40.2771**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9650, -57.1707, 43.8807**, and **89.0310, -43.8923, 31.5448** is the 20% darker color. If you saturate the color by 10%, you get **132.2010, -65.1751, 44.5507**, and if you desaturate by 10%, it is **142.0610, -52.7811, 35.9035**.

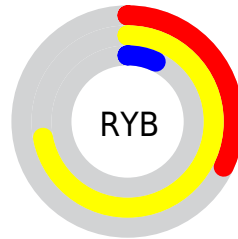
Distribution



Red (72%)

Green (54%)

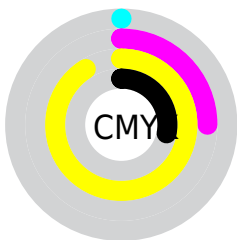
Blue (7%)



Red (32%)

Yellow (72%)

Blue (7%)

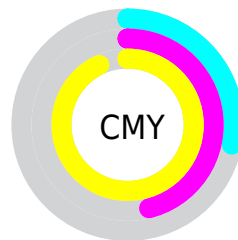


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (28%)



Cyan (28%)

Magenta (46%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0740, -59.1965, 40.2771 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 137.0740, -59.1965, 40.2771 by changing the saturation by 10% instead.

■ 137.0740,
-59.1965, 40.2771

■ 137.0740,
-59.1965, 40.2771

■ 255.0000, 0.0000,
0.0000

■ 111.7900,
-55.1125, 37.0182

■ 192.9650,
-57.1707, 43.8807

■ 89.0310, -43.8923,
31.5448

■ 216.0670,
-55.2490, 34.1442

■ 66.5710, -32.8195,
26.6862

■ 235.5810,
-51.5584, 17.0305

■ 45.8720, -22.6149,
20.2833

■ 244.0560,
-41.9326, 9.5979

■ 26.6570, -13.1419,
15.2098

■ 247.2480,
-29.7023, 6.7985

■ 5.3820, -2.6533,
11.0660

■ 250.4400,

■ 0.0000, 0.0000,

-17.4719, 3.9991

0.0000

■ 253.7460, -4.8048,
1.0998

■ 137.0740,
-59.1965, 40.2771

■ 137.0740,
-59.1965, 40.2771

■ 132.2010,
-65.1751, 44.5507

■ 142.0610,
-52.7811, 35.9035

■ 147.1620,
-45.9289, 31.4299

■ 152.1490,
-39.5135, 27.0563

■ 157.1360,
-33.0980, 22.6827

■ 162.2370,
-26.2458, 18.2092

■ 167.2240,
-19.8304, 13.8356

■ 172.2110,
-13.4150, 9.4620

■ 177.7850, -7.2890,
4.5736

■ 182.8860, -0.4368,
0.1000

Harmonies

Analogous

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



140.2670, -41.5436, 71.6798



137.0740, -59.1965, 40.2771



132.6450, -52.0830, -1.4427

Triad

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



137.0740, -59.1965, 40.2771



120.8800, 31.6112, -106.0118



148.5270, 31.2922, 43.3878

Complementary

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



137.0740, -59.1965, 40.2771



62.9260, 59.1965, -40.2771

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.



142.8700, 50.8431, -20.9340



137.0740, -59.1965, 40.2771



123.7760, 52.8614, -108.5516

Square

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



137.0740, -59.1965, 40.2771



113.9090, 7.4399, -99.8982



119.9410, 66.0911, -105.1883



142.8080, 8.4757, 81.7294

Rectangle

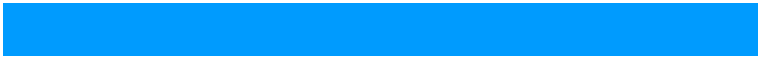
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



137.0740, -59.1965, 40.2771



127.0180, -34.5189, -35.0958



119.9410, 66.0911, -105.1883



148.5400, 38.1878, 24.9594

Sweetspot

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



137.0740, -59.1965, 40.2771



219.1380, -22.7460, 15.6650



71.9920, -3.9401, 97.3540



109.0970, -13.8518, 9.5619



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



137.0740, -59.1965, 40.2771



171.2400, -84.4213, 57.6715



153.3120, -67.2018, -5.5356



89.2130, -3.0630, 2.4442



112.3880, -55.4073, 38.2477



20.1120, -9.9152, 6.9178

Inverse Universe

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



62.9260, 59.1965, -40.2771



65.7600, 84.4213, -57.6715



46.6880, 67.2018, 5.5356



85.2000, 3.3524, -1.9294



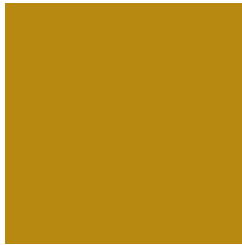
43.0250, 55.6967, -37.7329



7.8880, 9.9152, -6.9178

Previews

White Background



This preview shows how the YUV color 137.0740, -59.1965, 40.2771 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 137.0740, -59.1965, 40.2771 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 137.0740, -59.1965, 40.2771

Background



This preview shows how black text looks on a background with the YUV color 137.0740, -59.1965, 40.2771.



This preview shows how white text looks on a background with the YUV color 137.0740, -59.1965, 40.2771.

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

137.0740, -59.1965, 40.2771

Protanopia

136.1320, -57.2531, 23.5632

Deuteranopia

137.0740, -59.1965, 40.2771



Tritanopia

146.6780, -4.7713, 37.1164

Trichromacy



Original Color

137.0740, -59.1965, 40.2771

Protanomaly

136.3500, -57.8535, 29.5111

Deuteranomaly

137.0740, -59.1965, 40.2771

Tritanomaly

143.4120, -24.8531, 38.2267

Monochromacy



Original Color

137.0740, -59.1965, 40.2771

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0670, -21.7250, 14.8502

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0740, -59.1965, 40.2771 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(183, 137, 17)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 17)  
}
```

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(183, 137, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 17) }
```

Border

The CSS property to change the border of an element to YUV 137.0740, -59.1965, 40.2771 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(183, 137, 17) }
```


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

```
.border{ border-color:rgb(183, 137, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 137, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 17);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 137.0740, -59.1965, 40.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 17) }
```

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

```
.background{ background-color: rgb(183,  
137, 17) }
```

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