

Converting Colors

YUV(109.2010, -41.5111,
61.2137)

Have a look what the booklet for
YUV(109.2010, -41.5111, 61.2137)
contains.

YUV(109.2010, -41.5111, 61.2137)	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(109.2010, -41.5111,
61.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	B35A19
RGB	179, 90, 25
RGB Percent	70%, 35%, 10%
CMY	0.2980, 0.6471, 0.9020
CMYK	0.00, 0.50, 0.86, 0.30
HSL	25°, 75%, 40%
HSV	25°, 86%, 70%
XYZ	22.4220, 16.9662, 3.0127
YIQ	109.2010, 73.9090, -1.3470

Conversions

Conversions Part 2

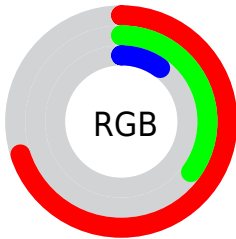
Format	Color
R _Y B	179, 137, 25
Decimal	11754009
CIE Lab	48.22, 32.15, 50.23
CIE LCh	48, 59.634, 57.380
Yxy	16.9662, 0.5288, 0.4001
Android (android.graphics.Color)	4289944089 (0xFFB35A19)
YUV	109.2010, -41.5111, 61.2137
Hunter-Lab	41.1901, 25.0848, 24.4964

Details

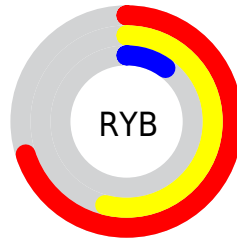
The YUV color **109.2010, -41.5111, 61.2137** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **94.7990, 41.5111, -61.2137**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.0770, -43.4220, 67.4615**, and **59.9470, -29.5539, 52.6665** is the 20% darker color. If you saturate the color by 10%, you get **101.2790, -46.4795, 68.1613**, and if you desaturate by 10%, it is **117.1230, -36.5426, 54.2661**.

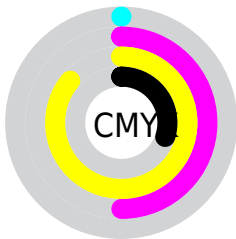
Distribution



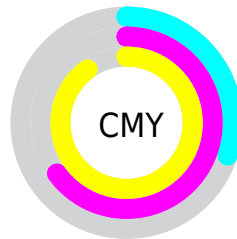
- Red (70%)
- Green (35%)
- Blue (10%)



- Red (70%)
- Yellow (54%)
- Blue (10%)



- Cyan (0%)
- Magenta (50%)
- Yellow (86%)
- Black (30%)



- Cyan (30%)
- Magenta (65%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2010, -41.5111, 61.2137 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 109.2010, -41.5111, 61.2137 by changing the saturation by 10% instead.

■ 109.2010,
-41.5111, 61.2137

■ 109.2010,
-41.5111, 61.2137

■ 255.0000, 0.0000,
0.0000

■ 82.7060, -40.7741,
58.1398

■ 163.0770,
-43.4220, 67.4615

■ 59.9470, -29.5539,
52.6665

■ 186.3750,
-42.0899, 60.1841

■ 36.8890, -18.1863,
46.5783

■ 205.7750,
-38.8361, 43.1703

■ 18.5380, -9.1392,
38.1162

■ 225.1750,
-35.5823, 26.1565

■ 11.4760, -5.1647,
23.2615

■ 245.3900,
-31.7443, 8.4280

■ 0.0000, 0.0000,
0.0000

■ 249.7560,

-20.0927, 4.5990

252.9480, -7.8624,
1.7996

109.2010,
-41.5111, 61.2137

109.2010,
-41.5111, 61.2137

101.2790,
-46.4795, 68.1613

117.1230,
-36.5426, 54.2661

98.1330, -48.3796,
70.9204

125.6320,
-31.8636, 46.8037

133.5540,
-26.8951, 39.8561

141.4760,
-21.9267, 32.9085

149.8710,
-17.6844, 25.5461

■ 157.7930,
-12.7159, 18.5985

■ 165.7150, -7.7475,
11.6509

■ 174.2240, -3.0684,
4.1886

■ 182.1460, 1.9000,
-2.7590

Harmonies

Analogous

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



108.1090, -18.2947, 81.4654



109.2010, -41.5111, 61.2137



107.3160, -52.9068, 29.5409

Triad

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



109.2010, -41.5111, 61.2137



92.7310, 7.5276, -81.3251



114.6280, 44.5534, -10.1978

Complementary

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



109.2010, -41.5111, 61.2137



94.7990, 41.5111, -61.2137

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.



96.2380, 59.0427, -84.4007



109.2010, -41.5111, 61.2137



98.6590, 30.2411, -86.5239

Square

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



109.2010, -41.5111, 61.2137



84.4550, -14.0283, -74.0670



100.7570, 48.4338, -88.3639



115.9960, 26.6240, 47.3615

Rectangle

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



109.2010, -41.5111, 61.2137



103.9170, -51.2311, 5.3348



100.7570, 48.4338, -88.3639



107.4610, 51.0447, -38.9923

Sweetspot

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



109.2010, -41.5111, 61.2137



204.6150, -16.0792, 24.0166



81.3060, 16.6111, 85.6776



100.5690, -9.6475, 14.4100



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



109.2010, -41.5111, 61.2137



126.8940, -62.5587, 92.1780



153.8130, -63.5048, 22.0890



85.0390, -2.4842, 3.4738



83.9020, -41.3637, 60.5989



14.2310, -7.0159, 10.3214

Inverse Universe

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



94.7990, 41.5111, -61.2137



105.1060, 62.5587, -92.1780



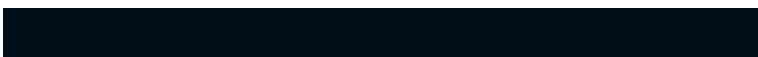
50.1870, 63.5048, -22.0890



83.9610, 2.4842, -3.4738



69.0980, 41.3637, -60.5989



11.7690, 7.0159, -10.3214

Previews

White Background



This preview shows how the YUV color 109.2010, -41.5111, 61.2137 looks on a white 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

Black Background



This preview shows how the YUV color 109.2010, -41.5111, 61.2137 looks on a black 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

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

YUV 109.2010, -41.5111, 61.2137 Background



This preview shows how black text looks on a background with the YUV color 109.2010, -41.5111, 61.2137.



This preview shows how white text looks on a background with the YUV color 109.2010, -41.5111, 61.2137.

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

109.2010, -41.5111, 61.2137

Protanopia

109.6100, -38.7547, 17.0050

Deuteranopia

108.7060, -47.6761, 31.8298



Tritanopia

113.9860, -11.8251, 59.6483

Trichromacy



Original Color

109.2010, -41.5111, 61.2137

Protanomaly

109.4810, -39.6771, 32.9042

Deuteranomaly

108.7550, -45.2352, 42.3109

Tritanomaly

112.1250, -22.7396, 60.4034

Monochromacy



Original Color

109.2010, -41.5111, 61.2137

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.8320, -15.2002, 22.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2010, -41.5111, 61.2137 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(179, 90, 25)` looks like.

```
.text, #text, p{  
    color:rgb(179, 90, 25)  
}
```

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(179, 90, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 90, 25) }
```

Border

The CSS property to change the border of an element to YUV 109.2010, -41.5111, 61.2137 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(179, 90, 25) }
```


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

```
.border{ border-color:rgb(179, 90, 25) }
```

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

Here you see how a box with a 4 pixel rgb(179, 90, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 90, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 90, 25);  
box-shadow:4px 4px 4px 4px rgb(179, 90,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 109.2010, -41.5111, 61.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 90, 25) }
```

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

```
.background{ background-color: rgb(179, 90,  
25) }
```

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