

Converting Colors

YUV(63.5110, -14.5489,
93.3909)

Have a look what the booklet for
YUV(63.5110, -14.5489, 93.3909)
contains.

YUV(63.5110, -14.5489, 93.3909)	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(63.5110, -14.5489,
93.3909)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0F22
RGB	170, 15, 34
RGB Percent	67%, 6%, 13%
CMY	0.3333, 0.9412, 0.8667
CMYK	0.00, 0.91, 0.80, 0.33
HSL	353°, 84%, 36%
HSV	353°, 91%, 67%
XYZ	17.0371, 9.0032, 2.3532
YIQ	63.5110, 86.2810, 38.7690

Conversions

Conversions Part 2

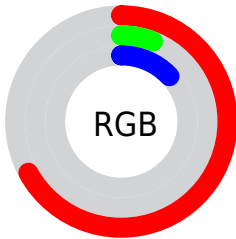
Format	Color
R_{YB}	170, 15, 34
Decimal	11144994
CIE _{Lab}	35.99, 57.82, 33.93
CIE _{LCh}	36, 67.041, 30.404
Yxy	9.0032, 0.6000, 0.3171
Android (android.graphics.Color)	4289335074 (0xFFAA0F22)
YUV	63.5110, -14.5489, 93.3909
Hunter-Lab	30.0053, 48.8436, 16.3538

Details

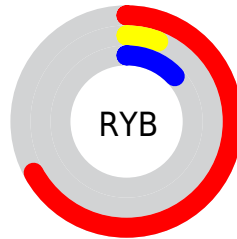
The YUV color **63.5110, -14.5489, 93.3909** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **121.4890, 14.5489, -93.3909**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.8070, -23.5689, 93.1313**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **53.2240, -15.8864, 102.4126**, and if you desaturate by 10%, it is **75.2000, -12.9166, 83.1396**.

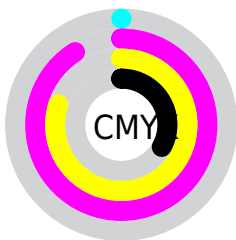
Distribution



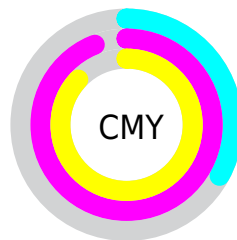
- Red (67%)
- Green (6%)
- Blue (13%)



- Red (67%)
- Yellow (6%)
- Blue (13%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)
- Black (33%)





- Cyan (33%)
- Magenta (94%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 63.5110, -14.5489, 93.3909 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 63.5110, -14.5489, 93.3909 by changing the saturation by 10% instead.


 63.5110, -14.5489,
93.3909


 63.5110, -14.5489,
93.3909


255.0000, 0.0000,
0.0000

 43.0430, -14.8112,
84.1543


 126.8070,
-23.5689, 93.1313


 32.5910, -16.0674,
67.0107

 152.5570,
-24.4316, 89.8425


 23.7350, -11.2084,
48.4674

 171.8430,
-21.6146, 72.9287

 15.1780, -6.4968,
30.5389

 191.8300,
-18.6502, 55.4001

 0.0000, 0.0000,
0.0000

 211.3440,
-14.9596, 38.2863

 231.5590,

-11.1216, 20.5578

252.3610, -7.5730,
2.3144

63.5110, -14.5489,
93.3909

63.5110, -14.5489,
93.3909

53.2240, -15.8864,
102.4126

75.2000, -12.9166,
83.1396

86.8890, -11.2843,
72.8883

98.5780, -9.6520,
62.6371

110.2670, -8.0196,
52.3858

121.9560, -6.3873,
42.1346

■ 133.5310, -5.1918,
31.9833

■ 145.2200, -3.5595,
21.7321

■ 156.9090, -1.9271,
11.4808

■ 168.5980, -0.2948,
1.2296

Harmonies

Analogous

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



61.8300, 11.9158, 98.3731



63.5110, -14.5489, 93.3909



77.6890, -38.3007, 58.1547

Triad

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



63.5110, -14.5489, 93.3909



63.3110, -18.8873, -55.5237



76.1200, 58.1148, -66.7572

Complementary

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



63.5110, -14.5489, 93.3909



121.4890, 14.5489, -93.3909

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.



80.8670, 48.3796, -70.9204



63.5110, -14.5489, 93.3909



71.7980, 6.0156, -62.9668

Square

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



63.5110, -14.5489, 93.3909



71.2910, -35.1465, -20.4262



78.5410, 29.3133, -68.8805



83.3230, 47.1688, -9.0533

Rectangle

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



63.5110, -14.5489, 93.3909



79.8940, -39.3877, 33.4190



78.5410, 29.3133, -68.8805



78.8270, 55.7943, -69.1313

Sweetspot

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



63.5110, -14.5489, 93.3909



180.7380, -5.7868, 36.1868



72.7360, 47.9512, 66.8835



87.3340, -3.1227, 21.6321



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



63.5110, -14.5489, 93.3909



69.4560, -20.9308, 133.7811



94.8040, -39.3434, 65.9469



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.3220, -1.6377, 11.9956

Inverse Universe

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



63.5110, -14.5489, 93.3909



69.4560, -20.9308, 133.7811



90.1960, 39.3434, -65.9469



78.5060, -0.7425, 4.8182



46.3040, -13.9539, 89.1874



6.3220, -1.6377, 11.9956

Previews

White Background



This preview shows how the YUV color 63.5110, -14.5489, 93.3909 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 ✓ Pass

Black 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

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

YUV 63.5110, -14.5489, 93.3909

Background



This preview shows how black text looks on a background with the YUV color 63.5110, -14.5489, 93.3909.



This preview shows how white text looks on a background with the YUV color 63.5110, -14.5489,

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

63.5110, -14.5489, 93.3909

Protanopia

85.4020, -16.4672, 8.4174

Deuteranopia

83.1190, -30.6247, 22.6976



Tritanopia

63.6930, -24.0056, 93.2312

Trichromacy



Original Color

63.5110, -14.5489, 93.3909

Protanomaly

77.4150, -15.9806, 39.1010

Deuteranomaly

76.1790, -24.7382, 48.0780

Tritanomaly

63.9040, -20.6587, 93.0462

Monochromacy



Original Color

63.5110, -14.5489, 93.3909

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.8410, -5.3446, 34.3424

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.5110, -14.5489, 93.3909 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(170, 15, 34)` looks like.

```
.text, #text, p{  
    color:rgb(170, 15, 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(170, 15, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 15, 34) }
```

Border

The CSS property to change the border of an element to YUV 63.5110, -14.5489, 93.3909 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(170, 15, 34) }
```


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

```
.border{ border-color:rgb(170, 15, 34) }
```

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

Here you see how a box with a 4 pixel rgb(170, 15, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 15, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 15, 34);  
box-shadow:4px 4px 4px 4px rgb(170, 15,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 63.5110, -14.5489, 93.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 15, 34) }
```

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

```
.background{ background-color: rgb(170, 15,  
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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