

Converting Colors

YUV(104.8890, -14.7353,
59.7333)

Have a look what the booklet for
YUV(104.8890, -14.7353, 59.7333)
contains.

YUV(104.8890, -14.7353, 59.7333)	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(104.8890, -14.7353,
59.7333)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4C4B
RGB	173, 76, 75
RGB Percent	68%, 30%, 29%
CMY	0.3216, 0.7020, 0.7059
CMYK	0.00, 0.56, 0.57, 0.32
HSL	1°, 40%, 49%
HSV	1°, 57%, 68%
XYZ	21.0880, 14.5611, 8.3557
YIQ	104.8890, 58.1330, 20.2530

Conversions

Conversions Part 2

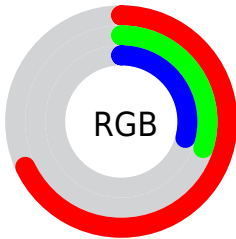
Format	Color
RYB	173, 76, 75
Decimal	11357259
CIELab	45.03, 39.65, 20.23
CIELCh	45, 44.508, 27.032
Yxy	14.5611, 0.4792, 0.3309
Android (android.graphics.Color)	4289547339 (0xFFAD4C4B)
YUV	104.8890, -14.7353, 59.7333
Hunter-Lab	38.1590, 31.8671, 13.7285

Details

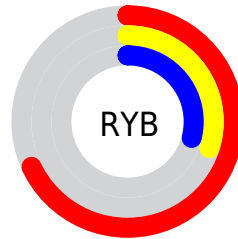
The YUV color **104.8890, -14.7353, 59.7333** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **143.1110, 14.7353, -59.7333**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6400, -17.0775, 64.3367**, and **52.3060, -10.5039, 55.8596** is the 20% darker color. If you saturate the color by 10%, you get **92.9720, -17.2412, 70.1846**, and if you desaturate by 10%, it is **116.8060, -12.2294, 49.2821**.

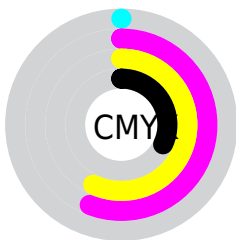
Distribution



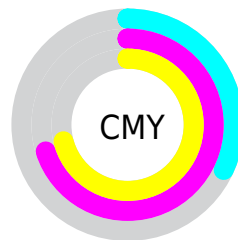
- Red (68%)
- Green (30%)
- Blue (29%)



- Red (68%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (56%)
- Yellow (57%)
- Black (32%)



- Cyan (32%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.8890, -14.7353, 59.7333 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 104.8890, -14.7353, 59.7333 by changing the saturation by 10% instead.

■ 104.8890,
-14.7353, 59.7333

■ 104.8890,
-14.7353, 59.7333

■ 255.0000, 0.0000,
0.0000

■ 78.9210, -13.2721,
57.0743

■ 158.6400,
-17.0775, 64.3367

■ 52.3060, -10.5039,
55.8596

■ 184.3300,
-16.9247, 61.9776

■ 27.2240, -9.4774,
53.3006

■ 203.1430,
-13.3815, 45.4786

■ 18.2390, -8.9918,
37.5014

■ 222.7710, -9.2541,
28.2648

■ 9.6820, -4.2802,
19.5729

■ 242.9860, -5.4161,
10.5363

■ 0.0000, 0.0000,
0.0000

■ 104.8890,
-14.7353, 59.7333

■ 104.8890,
-14.7353, 59.7333

■ 92.9720, -17.2412,
70.1846

■ 116.8060,
-12.2294, 49.2821

■ 80.9410, -20.1839,
80.7357

■ 128.8370, -9.2866,
38.7310

■ 69.0240, -22.6898,
91.1870

■ 140.7540, -6.7807,
28.2797

■ 57.1070, -25.1958,
101.6382

■ 152.6710, -4.2748,
17.8285

■ 52.9010, -26.0802,
105.3268

■ 165.2890, -1.6215,
6.7625

■ 177.2060, 0.8844,
-3.6887

■ 189.1230, 3.3904,
-14.1399

■ 201.0400, 5.8963,

-24.5911

■ 213.0710, 8.8390,
-35.1423

Harmonies

Analogous

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



106.7480, 2.5892, 56.3490



104.8890, -14.7353, 59.7333



104.2020, -29.6796, 46.3038

Triad

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



104.8890, -14.7353, 59.7333



90.8810, -13.2523, -42.8686



86.3780, 46.6486, -75.7535

Complementary

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



104.8890, -14.7353, 59.7333



143.1110, 14.7353, -59.7333

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.



89.5920, 38.6551, -78.5722



104.8890, -14.7353, 59.7333



84.4160, 8.6689, -74.0328

Square

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



104.8890, -14.7353, 59.7333



98.7150, -31.4115, -5.0121



88.6340, 24.8304, -77.7320



107.4470, 32.3176, -5.6540

Rectangle

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



104.8890, -14.7353, 59.7333



103.3930, -36.1827, 32.1043



88.6340, 24.8304, -77.7320



87.9110, 44.9069, -77.0979

Sweetspot

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



104.8890, -14.7353, 59.7333



197.9490, -5.8909, 22.8467



115.4740, 28.3603, 50.4503



96.5780, -3.2430, 13.5251



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.



104.8890, -14.7353, 59.7333



118.0350, -22.6953, 92.9313



133.0650, -28.6260, 35.0230



80.6910, -1.3267, 5.5330



46.0240, -22.6898, 91.1870



6.8770, -3.3904, 14.1399

Inverse Universe

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



143.1110, 14.7353, -59.7333



177.9650, 22.6953, -92.9313



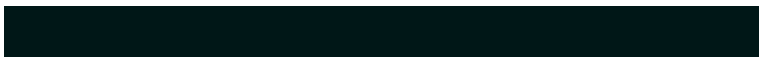
114.9350, 28.6260, -35.0230



84.3090, 1.3267, -5.5330



104.5630, 22.4004, -91.7018



16.1230, 3.3904, -14.1399

Previews

White Background



This preview shows how the YUV color 104.8890, -14.7353, 59.7333 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 104.8890, -14.7353, 59.7333 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 104.8890, -14.7353, 59.7333

Background



This preview shows how black text looks on a background with the YUV color 104.8890, -14.7353, 59.7333.



This preview shows how white text looks on a background with the YUV color 104.8890, -14.7353,

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

104.8890, -14.7353, 59.7333

Protanopia

106.7420, -8.7468, 5.4883

Deuteranopia

106.4250, -17.9575, 19.7983



Tritanopia

104.8720, -12.2619, 59.7483

Trichromacy



Original Color

104.8890, -14.7353, 59.7333

Protanomaly

106.2930, -10.9904, 25.1760

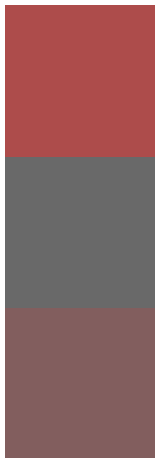
Deuteranomaly

106.1540, -16.8379, 34.0679

Tritanomaly

104.6440, -13.1355, 59.9482

Monochromacy



Original Color

104.8890, -14.7353, 59.7333

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.7640, -5.3067, 22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.8890, -14.7353, 59.7333 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(173, 76, 75)` looks like.

```
.text, #text, p{  
    color:rgb(173, 76, 75)  
}
```

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(173, 76, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 76, 75) }
```

Border

The CSS property to change the border of an element to YUV 104.8890, -14.7353, 59.7333 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(173, 76, 75) }
```


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

```
.border{ border-color:rgb(173, 76, 75) }
```

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

Here you see how a box with a 4 pixel rgb(173, 76, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 76, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 76, 75);  
box-shadow:4px 4px 4px 4px rgb(173, 76,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 104.8890, -14.7353, 59.7333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 76, 75) }
```

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

```
.background{ background-color: rgb(173, 76,  
75) }
```

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