

Converting Colors

YUV(113.1540, -33.5999,
43.7149)

Have a look what the booklet for
YUV(113.1540, -33.5999, 43.7149)
contains.

YUV(113.1540, -33.5999, 43.7149)	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(113.1540, -33.5999,
43.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	A3652D
RGB	163, 101, 45
RGB Percent	64%, 40%, 18%
CMY	0.3608, 0.6039, 0.8235
CMYK	0.00, 0.38, 0.72, 0.36
HSL	28°, 57%, 41%
HSV	28°, 72%, 64%
XYZ	20.2316, 17.2834, 4.7523
YIQ	113.1540, 54.9280, -4.2720

Conversions

Conversions Part 2

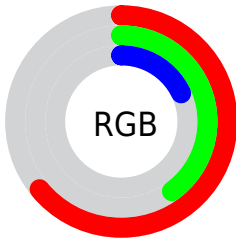
Format	Color
R_{YB}	163, 152, 45
Decimal	10708269
CIE _{Lab}	48.62, 20.03, 40.99
CIE _{LCh}	49, 45.618, 63.962
Yxy	17.2834, 0.4787, 0.4089
Android (android.graphics.Color)	4288898349 (0xFFA3652D)
YUV	113.1540, -33.5999, 43.7149
Hunter-Lab	41.5733, 14.1137, 22.3237

Details

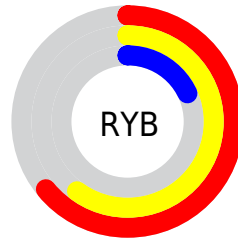
The YUV color **113.1540, -33.5999, 43.7149** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **94.8460, 33.5999, -43.7149**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3180, -35.6528, 48.8331**, and **63.3920, -31.2523, 37.3672** is the 20% darker color. If you saturate the color by 10%, you get **106.0470, -37.9842, 49.9478**, and if you desaturate by 10%, it is **120.2610, -29.2157, 37.4821**.

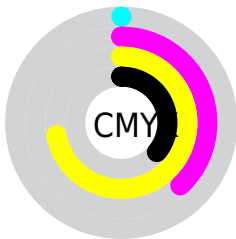
Distribution



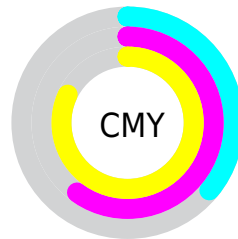
- Red (64%)
- Green (40%)
- Blue (18%)



- Red (64%)
- Yellow (60%)
- Blue (18%)



- Cyan (0%)
- Magenta (38%)
- Yellow (72%)
- Black (36%)



- Cyan (36%)
- Magenta (60%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.1540, -33.5999, 43.7149 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 113.1540, -33.5999, 43.7149 by changing the saturation by 10% instead.

■ 113.1540,
-33.5999, 43.7149

■ 113.1540,
-33.5999, 43.7149

255.0000, 0.0000,
0.0000

■ 87.6590, -32.8629,
40.6411

■ 166.3180,
-35.6528, 48.8331

■ 63.3920, -31.2523,
37.3672

■ 193.9870,
-36.9686, 50.8774

■ 42.4050, -20.9057,
32.0938

■ 214.2840,
-34.1570, 35.7079

■ 21.4180, -10.5591,
26.8204

■ 233.7980,
-30.4664, 18.5942

■ 8.1870, -3.5432,
16.4990

■ 248.7300,
-24.0239, 5.4988

■ 0.0000, 0.0000,
0.0000

■ 251.9220,

-11.7935, 2.6994

■ 113.1540,
-33.5999, 43.7149

■ 113.1540,
-33.5999, 43.7149

■ 106.0470,
-37.9842, 49.9478

■ 120.2610,
-29.2157, 37.4821

■ 99.4130, -43.0946,
55.7658

■ 126.8950,
-24.1052, 31.6641

■ 93.9360, -46.3104,
60.5691

■ 134.0020,
-19.7210, 25.4312

■ 140.5220,
-15.0473, 19.7132

■ 147.6290,
-10.6631, 13.4804

■ 154.2630, -5.5527,
7.6623

■ 161.3700, -1.1684,
1.4295

■ 168.4770, 3.2158,
-4.8033

■ 175.1110, 8.3263,
-10.6213

Harmonies

Analogous

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



114.2220, -19.8294, 60.3183



113.1540, -33.5999, 43.7149



110.6210, -38.7602, 18.7494

Triad

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



113.1540, -33.5999, 43.7149



92.3380, 13.6374, -80.9804



118.0570, 30.5379, 5.2120

Complementary

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



113.1540, -33.5999, 43.7149



94.8460, 33.5999, -43.7149

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.



103.7120, 43.5260, -54.1214



113.1540, -33.5999, 43.7149



96.0830, 30.5251, -84.2648

Square

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



113.1540, -33.5999, 43.7149



95.5740, -7.6780, -57.5084



96.1120, 43.3288, -84.2902



118.6890, 15.4363, 42.3687

Rectangle

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



113.1540, -33.5999, 43.7149



108.4550, -33.7483, -2.1530



96.1120, 43.3288, -84.2902



115.3970, 34.8073, -10.8722

Sweetspot

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



113.1540, -33.5999, 43.7149



191.9670, -13.2947, 17.5689



87.4640, 10.1242, 66.2451



95.0030, -7.8895, 10.5214



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



113.1540, -33.5999, 43.7149



134.0850, -52.2999, 68.3315



147.2000, -50.3846, 13.8566



78.0390, -2.4842, 3.4738



83.8580, -41.3420, 53.6215



10.0780, -4.9685, 6.9476

Inverse Universe

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



94.8460, 33.5999, -43.7149



105.3280, 52.5893, -67.8167



60.8000, 50.3846, -13.8566



76.9610, 2.4842, -3.4738



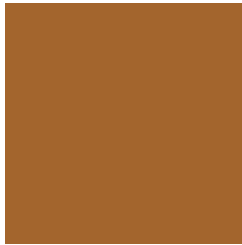
61.1420, 41.3420, -53.6215



7.3350, 5.2578, -6.4328

Previews

White Background



This preview shows how the YUV color 113.1540, -33.5999, 43.7149 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 113.1540, -33.5999, 43.7149 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 113.1540, -33.5999, 43.7149

Background



This preview shows how black text looks on a background with the YUV color 113.1540, -33.5999, 43.7149.



This preview shows how white text looks on a background with the YUV color 113.1540, -33.5999,

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

113.1540, -33.5999, 43.7149

Protanopia

112.2490, -31.1818, 14.6906

Deuteranopia

112.7130, -34.8615, 28.3157



Tritanopia

117.0270, -7.4083, 42.9493

Trichromacy



Original Color

113.1540, -33.5999, 43.7149

Protanomaly

112.7880, -31.9405, 24.7419

Deuteranomaly

113.1590, -34.5884, 34.0636

Tritanomaly

115.5080, -17.0124, 43.4045

Monochromacy



Original Color

113.1540, -33.5999, 43.7149

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1840, -12.4157, 15.6246

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1540, -33.5999, 43.7149 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(163, 101, 45)` looks like.

```
.text, #text, p{  
    color:rgb(163, 101, 45)  
}
```

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(163, 101, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 101, 45) }
```

Border

The CSS property to change the border of an element to YUV 113.1540, -33.5999, 43.7149 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(163, 101, 45) }
```


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

```
.border{ border-color:rgb(163, 101, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 101, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 101, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 101, 45);  
box-shadow:4px 4px 4px 4px rgb(163, 101,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 113.1540, -33.5999, 43.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 101, 45) }
```

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

```
.background{ background-color: rgb(163,  
101, 45) }
```

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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