

Converting Colors

YUV(144.5760, -33.8080,
17.0348)

Have a look what the booklet for
YUV(144.5760, -33.8080, 17.0348)
contains.

YUV(144.5760, -33.8080, 17.0348)	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(144.5760, -33.8080,
17.0348)**

Conversions

Conversions Part 1

Format	Color
Hex	A4944C
RGB	164, 148, 76
RGB Percent	64%, 58%, 30%
CMY	0.3569, 0.4196, 0.7020
CMYK	0.00, 0.10, 0.54, 0.36
HSL	49°, 37%, 47%
HSV	49°, 54%, 64%
XYZ	27.2043, 29.5941, 11.1159
YIQ	144.5760, 32.6480, -19.0000

Conversions

Conversions Part 2

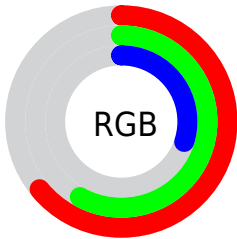
Format	Color
R_{YB}	96, 164, 76
Decimal	10785868
CIE _{Lab}	61.30, -3.69, 39.81
CIE _{LCh}	61, 39.977, 95.295
Yxy	29.5941, 0.4006, 0.4358
Android (android.graphics.Color)	4288975948 (0xFFA4944C)
YUV	144.5760, -33.8080, 17.0348
Hunter-Lab	54.4005, -5.9377, 25.9653

Details

The YUV color **144.5760, -33.8080, 17.0348** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **95.4240, 33.8080, -17.0348**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.1310, -35.5606, 19.1791**, and **93.4940, -32.7815, 14.4758** is the 20% darker color. If you saturate the color by 10%, you get **140.9910, -39.9286, 20.1789**, and if you desaturate by 10%, it is **148.1610, -27.6874, 13.8908**.

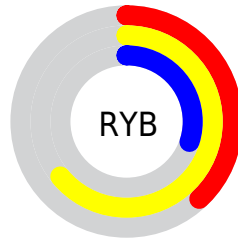
Distribution



Red (64%)

Green (58%)

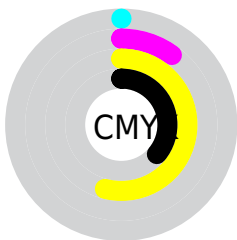
Blue (30%)



Red (38%)

Yellow (64%)

Blue (30%)

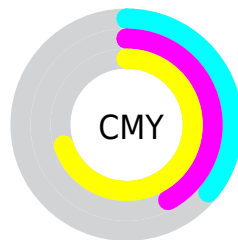


Cyan (0%)

Magenta (10%)

Yellow (54%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.5760, -33.8080, 17.0348 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 144.5760, -33.8080, 17.0348 by changing the saturation by 10% instead.

■ 144.5760,
-33.8080, 17.0348

■ 144.5760,
-33.8080, 17.0348

■ 255.0000, 0.0000,
0.0000

■ 118.5050,
-32.7870, 16.2201

■ 199.1310,
-35.5606, 19.1791

■ 93.4940, -32.7815,
14.4758

■ 227.2020,
-36.5816, 19.9938

■ 68.5540, -33.7971,
13.5461

■ 246.4500,
-32.7599, 7.4983

■ 48.1650, -23.7453,
9.5023

■ 249.6420,
-20.5295, 4.6990

■ 28.6620, -14.1304,
5.5584

■ 252.9480, -7.8624,
1.7996

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,

0.0000

■ 144.5760,
-33.8080, 17.0348

■ 144.5760,
-33.8080, 17.0348

■ 140.9910,
-39.9286, 20.1789

■ 148.1610,
-27.6874, 13.8908

■ 137.2920,
-46.4860, 23.4229

■ 151.8600,
-21.1300, 10.6468

■ 133.7070,
-52.6066, 26.5670

■ 155.4450,
-15.0094, 7.5027

■ 130.0080,
-59.1639, 29.8110

■ 159.1440, -8.4520,
4.2587

■ 127.6940,
-62.9531, 31.8404

■ 162.7290, -2.3314,
1.1147

■ 166.3140, 3.7892,
-2.0294

■ 170.0130, 10.3466,
-5.2734

■ 173.5980, 16.4672,
-8.4174

■ 177.2970, 23.0246,
-11.6615

Harmonies

Analogous

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



147.4140, -31.2631, 40.8559



144.5760, -33.8080, 17.0348



140.8650, -25.5694, -12.1596

Triad

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



144.5760, -33.8080, 17.0348



118.2870, 34.3685, -103.7377



151.9830, 12.8264, 39.4799

Complementary

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



144.5760, -33.8080, 17.0348



95.4240, 33.8080, -17.0348

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.



151.1560, 27.0381, 7.7562



144.5760, -33.8080, 17.0348



117.9740, 45.8618, -103.4632

Square

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



144.5760, -33.8080, 17.0348



114.8840, 18.7912, -100.7533



143.1120, 36.9198, -35.1782



150.4400, -3.6679, 56.6191

Rectangle

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



144.5760, -33.8080, 17.0348



136.4800, -15.0266, -33.7470



143.1120, 36.9198, -35.1782



152.5950, 17.9477, 30.1732

Sweetspot

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



144.5760, -33.8080, 17.0348



206.6020, -13.1148, 6.4880



104.1360, -5.9830, 52.5007



102.3720, -7.5784, 4.0588



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.



144.5760, -33.8080, 17.0348



183.7070, -52.6066, 26.5670



145.5960, -34.3108, -8.4157



79.8000, -3.3524, 1.9294



113.2080, -55.8115, 27.8816



14.1870, -6.9942, 3.3440

Inverse Universe

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



95.4240, 33.8080, -17.0348



107.2930, 52.6066, -26.5670



94.4040, 34.3108, 8.4157



75.2000, 3.3524, -1.9294



31.7920, 55.8115, -27.8816



3.8130, 6.9942, -3.3440

Previews

White Background



This preview shows how the YUV color 144.5760, -33.8080, 17.0348 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 144.5760, -33.8080, 17.0348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

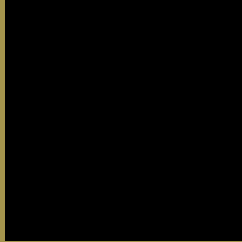
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.5760, -33.8080, 17.0348

Background



This preview shows how black text looks on a background with the YUV color 144.5760, -33.8080, 17.0348.



This preview shows how white text looks on a background with the YUV color 144.5760, -33.8080, 17.0348.

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

144.5760, -33.8080, 17.0348

Protanopia

144.2770, -33.6606, 16.4201

Deuteranopia

146.0770, -33.5620, 31.5045



Tritanopia

150.5230, 0.2352, 17.9583

Trichromacy



Original Color

144.5760, -33.8080, 17.0348

Protanomaly

144.2770, -33.6606, 16.4201

Deuteranomaly

145.6310, -33.8351, 25.7566

Tritanomaly

148.3090, -11.9843, 17.2690

Monochromacy



Original Color

144.5760, -33.8080, 17.0348

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8300, -12.2412, 6.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.5760, -33.8080, 17.0348 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(164, 148, 76)` looks like.

```
.text, #text, p{  
    color:rgb(164, 148, 76)  
}
```

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(164, 148, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 148, 76) }
```

Border

The CSS property to change the border of an element to YUV 144.5760, -33.8080, 17.0348 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(164, 148, 76) }
```


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

```
.border{ border-color:rgb(164, 148, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 148, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 148, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 148, 76);  
box-shadow:4px 4px 4px 4px rgb(164, 148,  
76) }
```

Background

The CSS property to change the background color of an element to YUV 144.5760, -33.8080, 17.0348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 148, 76) }
```

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

```
.background{ background-color: rgb(164,  
148, 76) }
```

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