

Converting Colors

YUV(162.5180, -5.6784, 1.2997)

Have a look what the booklet for
YUV(162.5180, -5.6784, 1.2997)
contains.

YUV(162.5180, -5.6784, 1.2997)	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(162.5180, -5.6784,
1.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A497
RGB	164, 164, 151
RGB Percent	64%, 64%, 59%
CMY	0.3569, 0.3569, 0.4078
CMYK	0.00, 0.00, 0.08, 0.36
HSL	60°, 7%, 62%
HSV	60°, 8%, 64%
XYZ	34.1712, 36.6778, 34.5567
YIQ	162.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

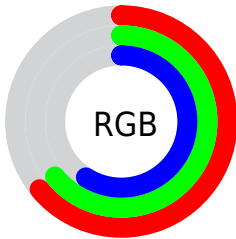
Format	Color
RYB	151, 164, 151
Decimal	10790039
CIELab	67.03, -2.38, 6.74
CIELCh	67, 7.147, 109.425
Yxy	36.6778, 0.3242, 0.3480
Android (android.graphics.Color)	4288980119 (0xFFA4A497)
YUV	162.5180, -5.6784, 1.2997
Hunter-Lab	60.5622, -5.2682, 8.5628

Details

The YUV color **162.5180, -5.6784, 1.2997** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152.4820, 5.6784, -1.2997**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4040, -6.1152, 1.3997**, and **110.6320, -5.2416, 1.1997** is the 20% darker color. If you saturate the color by 10%, you get **160.6940, -12.6671, 2.8994**, and if you desaturate by 10%, it is **164.3420, 1.3104, -0.2999**.

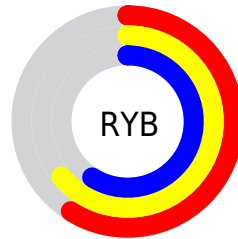
Distribution



Red (64%)

Green (64%)

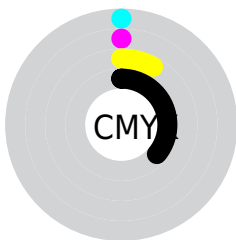
Blue (59%)



Red (59%)

Yellow (64%)

Blue (59%)

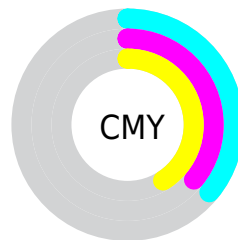


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (36%)

Magenta (36%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5180, -5.6784, 1.2997 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 162.5180, -5.6784, 1.2997 by changing the saturation by 10% instead.

■ 162.5180, -5.6784,
1.2997

■ 162.5180, -5.6784,
1.2997

255.0000, 0.0000,
0.0000

■ 136.5180, -5.6784,
1.2997

■ 217.4040, -6.1152,
1.3997

■ 110.6320, -5.2416,
1.1997

■ 245.4040, -6.1152,
1.3997

■ 86.6320, -5.2416,
1.1997

■ 63.4470, -4.6574,
0.4850

■ 41.4470, -4.6574,
0.4850

■ 20.5180, -5.6784,
1.2997

■ 0.0000, 0.0000,

0.0000

■ 162.5180, -5.6784,
1.2997

■ 162.5180, -5.6784,
1.2997

■ 160.6940,
-12.6671, 2.8994

■ 164.3420, 1.3104,
-0.2999

■ 158.7560,
-20.0927, 4.5990

■ 166.2800, 8.7360,
-1.9996

■ 156.9320,
-27.0815, 6.1986

■ 168.1040, 15.7247,
-3.5992

■ 154.9940,
-34.5070, 7.8983

■ 170.0420, 23.1503,
-5.2988

■ 153.1700,
-41.4958, 9.4979

■ 171.8660, 30.1391,
-6.8985

■ 151.3460,
-48.4846, 11.0976

■ 173.6900, 37.1278,
-8.4981

■ 149.4080,
-55.9101, 12.7972

■ 174.3740, 39.7486,
-9.0980

■ 147.5840,
-62.8989, 14.3968

■ 145.6460,
-70.3245, 16.0965

Harmonies

Analogous

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



163.4370, -6.1314, 6.6328



162.5180, -5.6784, 1.2997



162.0550, -3.4781, -4.4332

Triad

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



162.5180, -5.6784, 1.2997



161.7150, 5.5635, -11.1511



164.5820, 0.6991, 9.1366

Complementary

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



162.5180, -5.6784, 1.2997



152.4820, 5.6784, -1.2997

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.



164.0590, 3.9149, 4.3333



162.5180, -5.6784, 1.2997



162.3780, 6.7156, -7.3475

Square

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



162.5180, -5.6784, 1.2997



161.3190, 2.8007, -11.6808



163.4820, 5.6784, -1.2997



164.3820, -2.6533, 11.0660

Rectangle

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



162.5180, -5.6784, 1.2997



161.4890, -1.7201, -8.3219



163.4820, 5.6784, -1.2997



164.5110, 1.7201, 8.3219

Sweetspot

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



162.5180, -5.6784, 1.2997



213.5440, -1.7472, 0.3999



154.8870, -1.9163, 7.9921



106.7720, -0.8736, 0.2000



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.



162.5180, -5.6784, 1.2997



211.6060, -9.1728, 2.0995



160.4250, -4.6465, -3.0037



80.9740, -3.9312, 0.8998



128.4700, -63.3357, 14.4968



15.9480, -7.8624, 1.7996

Inverse Universe

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



152.4820, 5.6784, -1.2997



195.3940, 9.1728, -2.0995



154.2760, 4.7939, 2.3889



74.0260, 3.9312, -0.8998



16.5300, 63.3357, -14.4968



2.0520, 7.8624, -1.7996

Previews

White Background



This preview shows how the YUV color 162.5180, -5.6784, 1.2997 looks on a white background.

Color Contrast Check

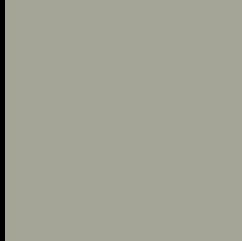
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 162.5180, -5.6784, 1.2997 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 ✓ Pass

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

YUV 162.5180, -5.6784, 1.2997

Background



This preview shows how black text looks on a background with the YUV color 162.5180, -5.6784, 1.2997.



This preview shows how white text looks on a background with the YUV color 162.5180, -5.6784,

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

162.5180, -5.6784, 1.2997

Protanopia

162.7250, -6.2734, 5.5032

Deuteranopia

164.2040, -6.0166, 16.4841



Tritanopia

164.1620, 4.3571, 2.4889

Trichromacy



Original Color

162.5180, -5.6784, 1.2997

Protanomaly

162.7140, -6.2680, 3.7588

Deuteranomaly

163.8720, -5.8529, 10.6363

Tritanomaly

163.5380, 0.7208, 2.1592

Monochromacy



Original Color

162.5180, -5.6784, 1.2997

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.5440, -1.7472, 0.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5180, -5.6784, 1.2997 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, 164, 151)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 151)  
}
```

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, 164, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 151) }
```

Border

The CSS property to change the border of an element to YUV 162.5180, -5.6784, 1.2997 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, 164, 151) }
```


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

```
.border{ border-color:rgb(164, 164, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 164, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 164, 151);  
box-shadow:4px 4px 4px 4px rgb(164, 164,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 162.5180, -5.6784, 1.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 151) }
```

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

```
.background{ background-color: rgb(164,  
164, 151) }
```

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