

Converting Colors

YUV(163.2180, -13.9115,
28.7498)

Have a look what the booklet for
YUV(163.2180, -13.9115, 28.7498)
contains.

YUV(163.2180, -13.9115, 28.7498)	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(163.2180, -13.9115,
28.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	C49887
RGB	196, 152, 135
RGB Percent	77%, 60%, 53%
CMY	0.2314, 0.4039, 0.4706
CMYK	0.00, 0.22, 0.31, 0.23
HSL	17°, 34%, 65%
HSV	17°, 31%, 77%
XYZ	38.3664, 35.9415, 27.8369
YIQ	163.2180, 31.6810, 4.0410

Conversions

Conversions Part 2

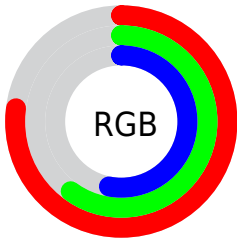
Format	Color
RYB	196, 159, 135
Decimal	12884103
CIELab	66.48, 14.03, 15.26
CIElCh	66, 20.729, 47.419
Yxy	35.9415, 0.3756, 0.3519
Android (android.graphics.Color)	4291074183 (0xFFC49887)
YUV	163.2180, -13.9115, 28.7498
Hunter-Lab	59.9512, 9.3181, 14.4359

Details

The YUV color $163.2180, -13.9115, 28.7498$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $167.7820, 13.9115, -28.7498$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $218.3000, -14.9379, 31.3089$, and $111.1360, -12.8850, 26.1907$ is the 20% darker color. If you saturate the color by 10%, you get $152.7200, -18.5960, 37.9566$, and if you desaturate by 10%, it is $173.7160, -9.2270, 19.5431$.

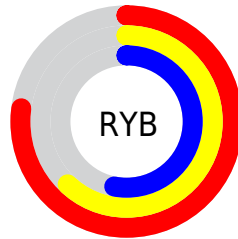
Distribution



Red (77%)

Green (60%)

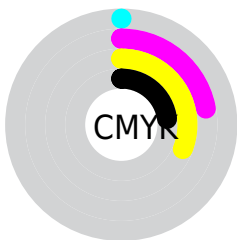
Blue (53%)



Red (77%)

Yellow (62%)

Blue (53%)

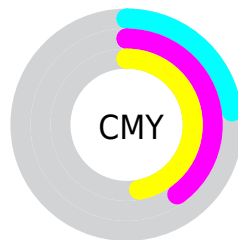


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2180, -13.9115, 28.7498 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 163.2180, -13.9115, 28.7498 by changing the saturation by 10% instead.

■ 163.2180,
-13.9115, 28.7498

■ 163.2180,
-13.9115, 28.7498

255.0000, 0.0000,
0.0000

■ 136.7340,
-13.1799, 27.4203

■ 218.3000,
-14.9379, 31.3089

■ 111.1360,
-12.8850, 26.1907

■ 238.8140,
-11.2473, 14.1951

■ 86.6520, -12.1534,
24.8612

■ 253.8600, -4.3680,
0.9998

■ 62.8690, -11.2744,
22.9169

■ 40.2000, -9.9586,
20.8726

■ 18.7160, -9.2270,
19.5431

■ 0.0000, 0.0000,

0.0000

■ 163.2180,
-13.9115, 28.7498

■ 163.2180,
-13.9115, 28.7498

■ 152.7200,
-18.5960, 37.9566

■ 173.7160, -9.2270,
19.5431

■ 142.3360,
-22.8436, 47.0633

■ 184.1000, -4.9793,
10.4363

■ 131.8380,
-27.5281, 56.2701

■ 194.5980, -0.2948,
1.2296

■ 120.8670,
-31.4864, 65.8916

■ 205.5690, 3.6635,
-8.3920

■ 110.3690,
-36.1709, 75.0984

■ 216.0670, 8.3480,
-17.5988

■ 99.8710, -40.8554,
84.3051

■ 226.5650, 13.0325,
-26.8055

■ 90.8890, -44.8083,
92.1823

■ 235.0110, 9.8546,
-34.2126

■ 237.3590, 8.6970,
-36.2718

Harmonies

Analogous

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



164.4770, -6.6442, 31.1537



163.2180, -13.9115, 28.7498



161.8270, -17.6627, 18.5687

Triad

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



163.2180, -13.9115, 28.7498



155.1830, -1.0762, -28.2245



162.4240, 17.0460, -7.3878

Complementary

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



163.2180, -13.9115, 28.7498



167.7820, 13.9115, -28.7498

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.



158.7700, 18.8474, -25.2313



163.2180, -13.9115, 28.7498



153.7610, 8.9918, -37.5014

Square

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



163.2180, -13.9115, 28.7498



157.4640, -10.5818, -12.6849



155.0090, 16.2646, -36.8419



164.3510, 11.1660, 11.9702

Rectangle

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



163.2180, -13.9115, 28.7498



160.4730, -17.4882, 9.2322



155.0090, 16.2646, -36.8419



161.3200, 18.0832, -13.4356

Sweetspot

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



163.2180, -13.9115, 28.7498



242.3990, -5.1267, 11.0511



158.3690, 10.6641, 33.0024



119.8330, -3.3687, 7.1625



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



163.2180, -13.9115, 28.7498



204.3680, -21.3804, 44.4043



180.8280, -22.5932, 13.3058



91.7510, -2.3422, 4.6034



74.5540, -36.7551, 75.8131



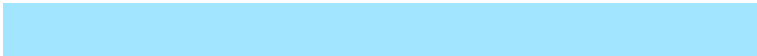
15.1500, -7.4689, 15.6545

Inverse Universe

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



167.7820, 13.9115, -28.7498



211.6320, 21.3804, -44.4043



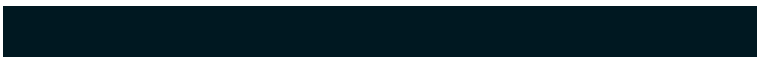
150.1720, 22.5932, -13.3058



92.2490, 2.3422, -4.6034



86.4460, 36.7551, -75.8131



17.8500, 7.4690, -15.6544

Previews

White Background



This preview shows how the YUV color 163.2180, -13.9115, 28.7498 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 163.2180, -13.9115, 28.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

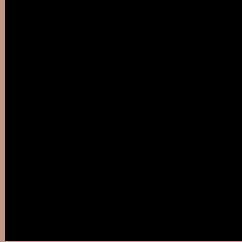
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.2180, -13.9115, 28.7498

Background



This preview shows how black text looks on a background with the YUV color 163.2180, -13.9115, 28.7498.



This preview shows how white text looks on a background with the YUV color 163.2180, -13.9115, 28.7498.

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

163.2180, -13.9115, 28.7498

Protanopia

161.2970, -10.4994, 7.6325

Deuteranopia

162.7610, -14.1792, 21.2576



Tritanopia

164.6170, -2.2762, 30.1539

Trichromacy



Original Color

163.2180, -13.9115, 28.7498

Protanomaly

161.9990, -11.8315, 14.9099

Deuteranomaly

163.0710, -14.3320, 23.6167

Tritanomaly

163.8790, -6.3493, 29.9241

Monochromacy



Original Color

163.2180, -13.9115, 28.7498

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1000, -4.9793, 10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2180, -13.9115, 28.7498 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(196, 152, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 135)  
}
```

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(196, 152, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 135) }
```

Border

The CSS property to change the border of an element to YUV 163.2180, -13.9115, 28.7498 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

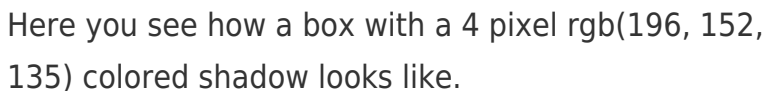
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 152, 135) }
```


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

```
.border{ border-color:rgb(196, 152, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 152, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 152, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 152, 135); box-shadow:4px 4px 4px 4px rgb(196, 152, 135) }
```

Background

The CSS property to change the background color of an element to YUV 163.2180, -13.9115, 28.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 135) }
```

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

```
.background{ background-color: rgb(196,  
152, 135) }
```

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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