

Converting Colors

YUV(180.8920, -32.9778,
30.7897)

Have a look what the booklet for
YUV(180.8920, -32.9778, 30.7897)
contains.

YUV(180.8920, -32.9778, 30.7897)	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(180.8920, -32.9778,
30.7897)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B072
RGB	216, 176, 114
RGB Percent	85%, 69%, 45%
CMY	0.1529, 0.3098, 0.5529
CMYK	0.00, 0.19, 0.47, 0.15
HSL	36°, 57%, 65%
HSV	36°, 47%, 85%
XYZ	46.8815, 46.8645, 22.4944
YIQ	180.8920, 43.7420, -10.8020

Conversions

Conversions Part 2

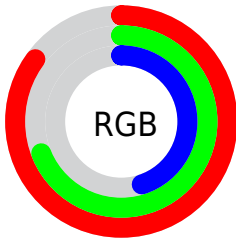
Format	Color
RYB	180, 216, 114
Decimal	14200946
CIELab	74.10, 6.68, 37.12
CIELCh	74, 37.714, 79.798
Yxy	46.8645, 0.4033, 0.4032
Android (android.graphics.Color)	4292391026 (0xFFD8B072)
YUV	180.8920, -32.9778, 30.7897
Hunter-Lab	68.4577, 2.4403, 28.4383

Details

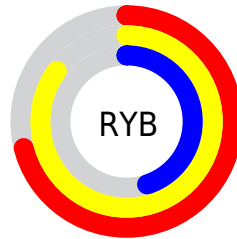
The YUV color **180.8920, -32.9778, 30.7897** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **149.1080, 32.9778, -30.7897**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.8800, -31.4928, 21.1532**, and **127.6250, -31.3671, 27.5159** is the 20% darker color. If you saturate the color by 10%, you get **173.6880, -40.2722, 37.1076**, and if you desaturate by 10%, it is **188.0960, -25.6833, 24.4718**.

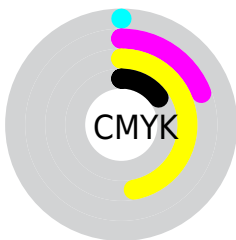
Distribution



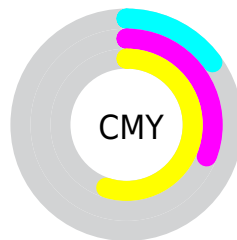
- Red (85%)
- Green (69%)
- Blue (45%)



- Red (71%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (47%)
- Black (15%)



- Cyan (15%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.8920, -32.9778, 30.7897 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 180.8920, -32.9778, 30.7897 by changing the saturation by 10% instead.

■ 180.8920,
-32.9778, 30.7897

■ 180.8920,
-32.9778, 30.7897

■ 255.0000, 0.0000,
0.0000

■ 153.5220,
-31.8093, 29.3602

■ 230.8800,
-31.4928, 21.1532

■ 127.6250,
-31.3671, 27.5159

■ 248.0460,
-26.6447, 6.0987

■ 101.9560,
-30.0513, 25.4716

■ 251.2380,
-14.4143, 3.2993

■ 77.3580, -29.7565,
24.2420

■ 254.5440, -1.7472,
0.3999

■ 54.7320, -26.9829,
21.2830

■ 34.6310, -17.0731,
16.1096

■ 13.9540, -6.8793,

13.1953

■ 0.0000, 0.0000,
0.0000

■ 180.8920,
-32.9778, 30.7897

■ 180.8920,
-32.9778, 30.7897

■ 173.6880,
-40.2722, 37.1076

■ 188.0960,
-25.6833, 24.4718

■ 166.0110,
-46.8404, 43.8404

■ 195.7730,
-19.1151, 17.7391

■ 158.8070,
-54.1349, 50.1583

■ 202.9770,
-11.8207, 11.4212

■ 151.1300,
-60.7031, 56.8910

■ 210.6540, -5.2524,
4.6884

■ 143.9260,
-67.9975, 63.2089

■ 217.8580, 2.0420,
-1.6295

■ 141.4810,
-69.7501, 65.3532

■ 225.6490, 9.0470,
-8.4622

■ 231.5990, 11.5367,
-13.6803

■ 236.8820, 8.9322,
-18.3135

■ 241.5780, 6.6170,
-22.4319

Harmonies

Analogous

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



182.9620, -25.6173, 50.0223



180.8920, -32.9778, 30.7897



177.4110, -30.2756, 4.0246

Triad

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



180.8920, -32.9778, 30.7897



157.9870, 22.6844, -89.4426



186.7190, 19.8585, 23.9254

Complementary

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



180.8920, -32.9778, 30.7897



149.1080, 32.9778, -30.7897

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.



183.1750, 31.4657, -12.4315



180.8920, -32.9778, 30.7897



160.2550, 36.3563, -87.9236

Square

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



180.8920, -32.9778, 30.7897



166.2670, 1.3474, -58.9932



173.2300, 37.8476, -52.8217



186.8610, 4.5055, 48.3569

Rectangle

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



180.8920, -32.9778, 30.7897



174.5270, -22.9378, -16.2482



173.2300, 37.8476, -52.8217



186.2060, 24.5484, 12.9743

Sweetspot

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



180.8920, -32.9778, 30.7897



242.6780, -11.6733, 10.8064



149.1720, 2.8732, 58.6082



120.2090, -7.0050, 6.8327



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.



180.8920, -32.9778, 30.7897



205.0110, -46.8404, 43.8404



201.3820, -43.0793, 4.0500



103.3980, -3.6472, 3.1590



112.1770, -55.3033, 51.5878



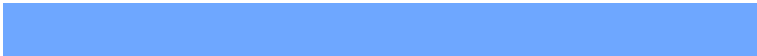
28.1190, -13.8627, 13.0506

Inverse Universe

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



149.1080, 32.9778, -30.7897



159.9890, 46.8404, -43.8404



128.6180, 43.0793, -4.0500



100.1890, 3.3578, -3.6738



58.8230, 55.3033, -51.5878



14.8810, 13.8627, -13.0506

Previews

White Background



This preview shows how the YUV color 180.8920, -32.9778, 30.7897 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 180.8920, -32.9778, 30.7897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

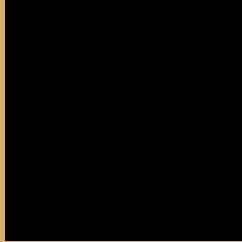
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.8920, -32.9778, 30.7897

Background



This preview shows how black text looks on a background with the YUV color 180.8920, -32.9778, 30.7897.



This preview shows how white text looks on a background with the YUV color 180.8920, -32.9778, 30.7897.

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

180.8920, -32.9778, 30.7897

Protanopia

179.5590, -31.3346, 17.0498

Deuteranopia

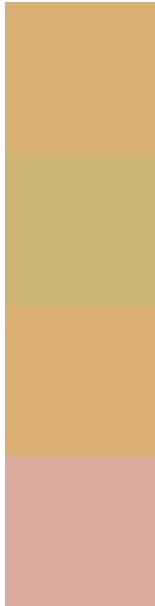
180.9140, -32.9886, 34.2784



Tritanopia

185.6280, -2.2816, 31.8982

Trichromacy



Original Color

180.8920, -32.9778, 30.7897

Protanomaly

180.0650, -32.0770, 21.8680

Deuteranomaly

181.2020, -33.1306, 33.1488

Tritanomaly

184.0550, -13.3381, 31.5238

Monochromacy



Original Color

180.8920, -32.9778, 30.7897

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

180.9770, -11.8207, 11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.8920, -32.9778, 30.7897 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(216, 176, 114)` looks like.

```
.text, #text, p{  
    color:rgb(216, 176, 114)  
}
```

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(216, 176, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 176, 114) }
```

Border

The CSS property to change the border of an element to YUV 180.8920, -32.9778, 30.7897 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(216, 176, 114) }
```


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

```
.border{ border-color:rgb(216, 176, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 176, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 176, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 176, 114);  
box-shadow:4px 4px 4px 4px rgb(216, 176,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 180.8920, -32.9778, 30.7897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 176, 114) }
```

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

```
.background{ background-color: rgb(216,  
176, 114) }
```

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