

Converting Colors

YUV(178.5580, -22.9531,
35.4676)

Have a look what the booklet for
YUV(178.5580, -22.9531, 35.4676)
contains.

YUV(178.5580, -22.9531, 35.4676)	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(178.5580, -22.9531,
35.4676)**

Conversions

Conversions Part 1

Format	Color
Hex	DBA784
RGB	219, 167, 132
RGB Percent	86%, 65%, 52%
CMY	0.1412, 0.3451, 0.4824
CMYK	0.00, 0.24, 0.40, 0.14
HSL	24°, 55%, 69%
HSV	24°, 40%, 86%
XYZ	47.1970, 44.3634, 27.9052
YIQ	178.5580, 42.2270, 0.1390

Conversions

Conversions Part 2

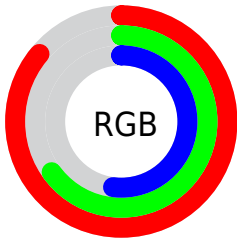
Format	Color
R_{YB}	219, 191, 132
Decimal	14395268
CIE Lab	72.47, 14.60, 25.50
CIE LCh	72, 29.381, 60.203
Yxy	44.3634, 0.3951, 0.3713
Android (android.graphics.Color)	4292585348 (0xFFDBA784)
YUV	178.5580, -22.9531, 35.4676
Hunter-Lab	66.6059, 9.9249, 21.7839

Details

The YUV color $178.5580, -22.9531, 35.4676$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $172.4420, 22.9531, -35.4676$, and the grayscale version is $179.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.6490, -21.0260, 23.9868$, and $125.2910, -21.3425, 32.1938$ is the 20% darker color. If you saturate the color by 10%, you get $168.4190, -28.8006, 44.3595$, and if you desaturate by 10%, it is $188.6970, -17.1056, 26.5757$.

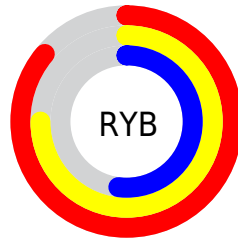
Distribution



Red (86%)

Green (65%)

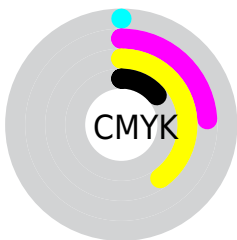
Blue (52%)



Red (86%)

Yellow (75%)

Blue (52%)

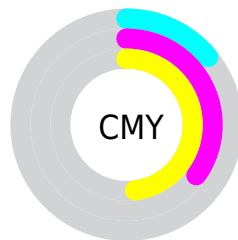


Cyan (0%)

Magenta (24%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.5580, -22.9531, 35.4676 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 178.5580, -22.9531, 35.4676 by changing the saturation by 10% instead.

■ 178.5580,
-22.9531, 35.4676

■ 178.5580,
-22.9531, 35.4676

255.0000, 0.0000,
0.0000

■ 151.7750,
-22.0741, 33.5233

■ 227.6490,
-21.0260, 23.9868

■ 125.2910,
-21.3425, 32.1938

■ 247.8640,
-17.1880, 6.2583

■ 99.9210, -20.1741,
30.7643

■ 253.5180, -5.6784,
1.2997

■ 75.7250, -19.5844,
28.3052

■ 52.0560, -18.2686,
26.2609

■ 30.5440, -15.0582,
23.2019

■ 10.1660, -5.0118,

20.9024

■ 0.0000, 0.0000,
0.0000

■ 178.5580,
-22.9531, 35.4676

■ 178.5580,
-22.9531, 35.4676

■ 168.4190,
-28.8006, 44.3595

■ 188.6970,
-17.1056, 26.5757

■ 158.2800,
-34.6480, 53.2514

■ 198.8360,
-11.2581, 17.6838

■ 148.1410,
-40.4955, 62.1433

■ 208.9750, -5.4107,
8.7919

■ 138.0020,
-46.3430, 71.0352

■ 219.1140, 0.4368,
-0.1000

■ 127.9770,
-51.7537, 79.8272

■ 229.2530, 6.2843,
-8.9919

■ 117.2510,
-57.3117, 89.2339

■ 238.9530, 7.9112,
-17.4988

■ 117.1370,
-57.7485, 89.3339

■ 244.2360, 5.3067,
-22.1320

Harmonies

Analogous

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



180.3170, -13.9603, 44.4490



178.5580, -22.9531, 35.4676



176.3510, -25.8090, 18.1092

Triad

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



178.5580, -22.9531, 35.4676



165.7610, 5.5408, -50.6564



180.3310, 21.5288, 1.4637

Complementary

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



178.5580, -22.9531, 35.4676



172.4420, 22.9531, -35.4676

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.



175.0500, 27.5833, -27.2309



178.5580, -22.9531, 35.4676



164.0660, 19.6875, -61.4479

Square

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



178.5580, -22.9531, 35.4676



169.5930, -9.6593, -28.5841



168.1840, 27.5173, -52.7814



181.8520, 11.4120, 26.4398

Rectangle

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



178.5580, -22.9531, 35.4676



174.5340, -23.4343, 3.0397



168.1840, 27.5173, -52.7814



178.9600, 24.1767, -7.8579

Sweetspot

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



178.5580, -22.9531, 35.4676



240.9000, -8.3317, 12.3657



163.9410, 9.8891, 48.2867



119.4910, -4.6791, 7.4624



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.



178.5580, -22.9531, 35.4676



198.2410, -32.1638, 49.7776



203.7990, -35.3969, 13.3313



104.6370, -2.7790, 4.7034



92.8170, -45.7588, 70.3205



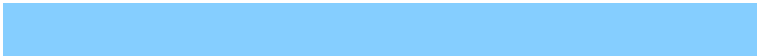
24.3200, -11.9898, 19.0134

Inverse Universe

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



172.4420, 22.9531, -35.4676



189.7590, 32.1638, -49.7776



147.2010, 35.3969, -13.3313



103.7760, 3.0684, -4.1886



80.7700, 45.4694, -70.8353



21.0930, 12.2792, -18.4986

Previews

White Background



This preview shows how the YUV color 178.5580, -22.9531, 35.4676 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 178.5580, -22.9531, 35.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

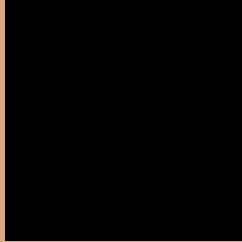
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.5580, -22.9531, 35.4676

Background



This preview shows how black text looks on a background with the YUV color 178.5580, -22.9531, 35.4676.



This preview shows how white text looks on a background with the YUV color 178.5580, -22.9531, 35.4676.

35.4676.

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

178.5580, -22.9531, 35.4676

Protanopia

176.9140, -19.6776, 11.4764

Deuteranopia

178.1010, -23.2208, 27.9754



Tritanopia

181.0200, -3.4609, 36.8165

Trichromacy



Original Color

178.5580, -22.9531, 35.4676

Protanomaly

177.6270, -21.0151, 20.4981

Deuteranomaly

178.4110, -23.3736, 30.3346

Tritanomaly

180.1850, -10.4442, 36.6718

Monochromacy



Original Color

178.5580, -22.9531, 35.4676

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.1990, -8.4791, 12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.5580, -22.9531, 35.4676 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(219, 167, 132)` looks like.

```
.text, #text, p{  
    color:rgb(219, 167, 132)  
}
```

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(219, 167, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 167, 132) }
```

Border

The CSS property to change the border of an element to YUV 178.5580, -22.9531, 35.4676 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(219, 167, 132) }
```


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

```
.border{ border-color:rgb(219, 167, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 167, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 167, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 167, 132);  
box-shadow:4px 4px 4px 4px rgb(219, 167,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 178.5580, -22.9531, 35.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 167, 132) }
```

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

```
.background{ background-color: rgb(219,  
167, 132) }
```

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