

Converting Colors

YUV(155.5500, -17.5262,
21.4426)

Have a look what the booklet for
YUV(155.5500, -17.5262, 21.4426)
contains.

YUV(155.5500, -17.5262, 21.4426)	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(155.5500, -17.5262,
21.4426)**

Conversions

Conversions Part 1

Format	Color
Hex	B49678
RGB	180, 150, 120
RGB Percent	71%, 59%, 47%
CMY	0.2941, 0.4118, 0.5294
CMYK	0.00, 0.17, 0.33, 0.29
HSL	30°, 29%, 59%
HSV	30°, 33%, 71%
XYZ	33.1189, 32.8721, 22.3687
YIQ	155.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

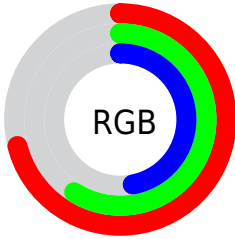
Format	Color
RYB	180, 180, 120
Decimal	11835000
CIELab	64.06, 6.77, 20.02
CIElCh	64, 21.132, 71.317
Yxy	32.8721, 0.3748, 0.3720
Android (android.graphics.Color)	4290025080 (0xFFB49678)
YUV	155.5500, -17.5262, 21.4426
Hunter-Lab	57.3342, 2.7752, 17.0022

Details

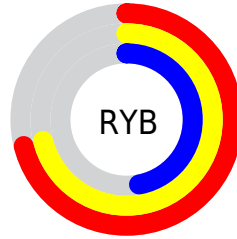
The YUV color **155.5500, -17.5262, 21.4426** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **144.4500, 17.5262, -21.4426**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2190, -18.8420, 23.4869**, and **103.8810, -16.2103, 19.3984** is the 20% darker color. If you saturate the color by 10%, you get **148.2150, -22.7840, 27.8754**, and if you desaturate by 10%, it is **162.8850, -12.2683, 15.0099**.

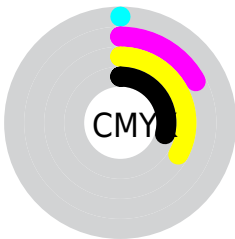
Distribution



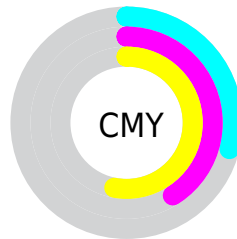
- Red (71%)
- Green (59%)
- Blue (47%)



- Red (71%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.5500, -17.5262, 21.4426 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 155.5500, -17.5262, 21.4426 by changing the saturation by 10% instead.

■ 155.5500,
-17.5262, 21.4426

■ 155.5500,
-17.5262, 21.4426

255.0000, 0.0000,
0.0000

■ 129.3650,
-16.9419, 20.7279

■ 210.2190,
-18.8420, 23.4869

■ 103.8810,
-16.2103, 19.3984

■ 235.2290,
-17.3679, 17.3392

■ 79.5110, -15.0419,
17.9689

■ 251.9220,
-11.7935, 2.6994

■ 56.6140, -14.5997,
16.1245

■ 34.5600, -16.0521,
15.2949

■ 13.9540, -6.8793,
13.1953

■ 0.0000, 0.0000,

0.0000

■ 155.5500,
-17.5262, 21.4426

■ 155.5500,
-17.5262, 21.4426

■ 148.2150,
-22.7840, 27.8754

■ 162.8850,
-12.2683, 15.0099

■ 140.8800,
-28.0418, 34.3082

■ 170.2200, -7.0105,
8.5771

■ 133.5450,
-33.2997, 40.7410

■ 177.5550, -1.7526,
2.1443

■ 126.2100,
-38.5575, 47.1738

■ 184.8900, 3.5052,
-4.2885

■ 118.8750,
-43.8154, 53.6066

■ 192.2250, 8.7631,
-10.7213

■ 111.5400,
-49.0732, 60.0394

■ 199.5600, 14.0209,
-17.1541

■ 106.6500,
-52.5785, 64.3280

■ 206.8950, 19.2788,
-23.5869

■ 213.2040, 20.6054,
-29.1199

■ 218.4870, 18.0009,
-33.7531

Harmonies

Analogous

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



156.5710, -12.6065, 30.1942



155.5500, -17.5262, 21.4426



153.4620, -17.4828, 7.4878

Triad

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



155.5500, -17.5262, 21.4426



147.3050, 7.2446, -37.1015



157.7850, 12.9240, 8.0816

Complementary

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



155.5500, -17.5262, 21.4426



144.4500, 17.5262, -21.4426

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.



155.0430, 18.2198, -10.5617



155.5500, -17.5262, 21.4426



147.4710, 15.5438, -39.0011

Square

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



155.5500, -17.5262, 21.4426



149.0370, -2.9762, -25.4654



150.8620, 19.2950, -28.8200



158.4080, 4.7289, 23.3212

Rectangle

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



155.5500, -17.5262, 21.4426



152.1940, -14.3926, -3.6781



150.8620, 19.2950, -28.8200



156.9090, 14.8349, 1.8338

Sweetspot

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



155.5500, -17.5262, 21.4426



225.2200, -7.0105, 8.5771



141.3600, 4.2595, 33.8873



111.2950, -4.0894, 5.0033



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



155.5500, -17.5262, 21.4426



196.6950, -27.4576, 33.5935



173.1600, -26.2079, 5.9987



85.6260, -2.7736, 2.9590



90.9460, -44.8364, 54.4214



15.4050, -7.5947, 9.2918

Inverse Universe

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



144.4500, 17.5262, -21.4426



179.3050, 27.4576, -33.5935



126.8400, 26.2079, -5.9987



83.9610, 2.4842, -3.4738



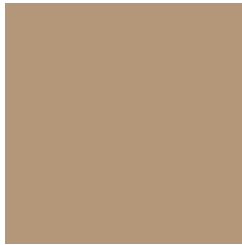
62.6410, 44.5470, -54.9362



10.5950, 7.5947, -9.2918

Previews

White Background



This preview shows how the YUV color 155.5500, -17.5262, 21.4426 looks on a white background.

Color Contrast Check

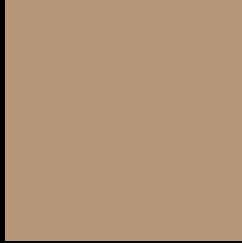
Large Text (above 18pt) WCAG AA × Fail

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 155.5500, -17.5262, 21.4426 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 155.5500, -17.5262, 21.4426 Background



This preview shows how black text looks on a background with the YUV color 155.5500, -17.5262, 21.4426.



This preview shows how white text looks on a background with the YUV color 155.5500, -17.5262, 21.4426.

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

155.5500, -17.5262, 21.4426

Protanopia

154.2280, -15.8884, 9.4470

Deuteranopia

155.5610, -17.5316, 23.1870



Tritanopia

157.9150, -0.9441, 22.8765

Trichromacy



Original Color

155.5500, -17.5262, 21.4426

Protanomaly

154.4350, -16.4835, 13.6505

Deuteranomaly

155.2620, -17.3842, 22.5722

Tritanomaly

157.3080, -7.0538, 22.5319

Monochromacy



Original Color

155.5500, -17.5262, 21.4426

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0350, -6.4263, 7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.5500, -17.5262, 21.4426 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(180, 150, 120)` looks like.

```
.text, #text, p{  
    color:rgb(180, 150, 120)  
}
```

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(180, 150, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 150, 120) }
```

Border

The CSS property to change the border of an element to YUV 155.5500, -17.5262, 21.4426 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(180, 150, 120) }
```


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

```
.border{ border-color:rgb(180, 150, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 150, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 150, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 150, 120);  
box-shadow:4px 4px 4px 4px rgb(180, 150,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 155.5500, -17.5262, 21.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 150, 120) }
```

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

```
.background{ background-color: rgb(180,  
150, 120) }
```

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