

Converting Colors

YUV(153.6990, -16.6136,
55.5150)

Have a look what the booklet for
YUV(153.6990, -16.6136, 55.5150)
contains.

YUV(153.6990, -16.6136, 55.5150)	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(153.6990, -16.6136,
55.5150)**

Conversions

Conversions Part 1

Format	Color
Hex	D98078
RGB	217, 128, 120
RGB Percent	85%, 50%, 47%
CMY	0.1490, 0.4980, 0.5294
CMYK	0.00, 0.41, 0.45, 0.15
HSL	5°, 56%, 66%
HSV	5°, 45%, 85%
XYZ	39.7246, 31.5461, 21.7646
YIQ	153.6990, 55.6120, 16.3800

Conversions

Conversions Part 2

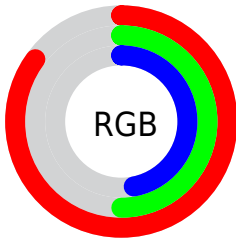
Format	Color
R _Y B	217, 129, 120
Decimal	14254200
CIE Lab	62.97, 33.46, 19.21
CIE LCh	63, 38.584, 29.858
Yxy	31.5461, 0.4270, 0.3391
Android (android.graphics.Color)	4292444280 (0xFFD98078)
YUV	153.6990, -16.6136, 55.5150
Hunter-Lab	56.1659, 27.9577, 16.3410

Details

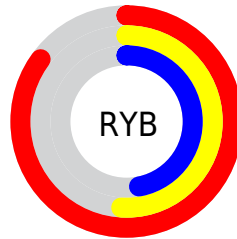
The YUV color **153.6990, -16.6136, 55.5150** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **183.3010, 16.6136, -55.5150**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6870, -15.1287, 45.8785**, and **100.9480, -14.2714, 50.9116** is the 20% darker color. If you saturate the color by 10%, you get **139.4510, -20.4353, 68.0105**, and if you desaturate by 10%, it is **167.9470, -12.7919, 43.0195**.

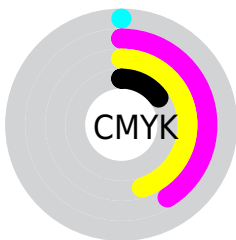
Distribution



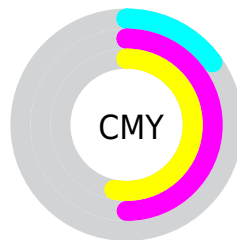
- Red (85%)
- Green (50%)
- Blue (47%)



- Red (85%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (45%)
- Black (15%)



- Cyan (15%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.6990, -16.6136, 55.5150 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 153.6990, -16.6136, 55.5150 by changing the saturation by 10% instead.

■ 153.6990,
-16.6136, 55.5150

■ 153.6990,
-16.6136, 55.5150

■ 255.0000, 0.0000,
0.0000

■ 126.9160,
-15.7346, 53.5707

■ 202.6870,
-15.1287, 45.8785

■ 100.9480,
-14.2714, 50.9116

■ 222.3150,
-11.0013, 28.6647

■ 75.2790, -12.9555,
48.8673

■ 241.9430, -6.8739,
11.4510

■ 50.4250, -11.0555,
46.1083

■ 23.0660, -9.8925,
46.4231

■ 15.2490, -7.5178,
31.3536

■ 2.3920, -1.1793,

4.9182

0.0000, 0.0000,
0.0000

153.6990,
-16.6136, 55.5150

153.6990,
-16.6136, 55.5150

139.4510,
-20.4353, 68.0105

167.9470,
-12.7919, 43.0195

125.3170,
-23.8203, 80.4060

182.0810, -9.4069,
30.6240

111.0690,
-27.6420, 92.9015


196.3290, -5.5852,
18.1285

96.8210, -31.4638,
105.3970

210.5770, -1.7635,
5.6330

82.5730, -35.2855,
117.8925

224.8250, 2.0583,
-6.8625

 75.4490, -37.1964,
124.1402

 238.3720, 5.7326,
-18.7432

 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



155.5150, -0.7469, 53.0453



153.6990, -16.6136, 55.5150



152.1200, -28.6532, 43.7448

Triad

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



153.6990, -16.6136, 55.5150



140.3700, -11.5214, -38.0355



146.3670, 36.7941, -41.5409

Complementary

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



153.6990, -16.6136, 55.5150



183.3010, 16.6136, -55.5150

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.



120.9090, 44.4149, -106.0372



153.6990, -16.6136, 55.5150



128.9640, 10.8637, -78.0214

Square

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



153.6990, -16.6136, 55.5150



145.8550, -27.0435, -6.0118



120.8800, 31.6112, -106.0118



154.4540, 28.3702, 0.4788

Rectangle

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



153.6990, -16.6136, 55.5150



150.2940, -32.6829, 29.5602



120.8800, 31.6112, -106.0118



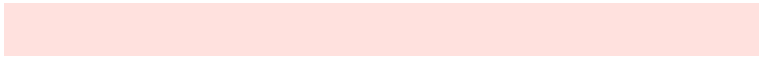
141.0230, 38.4427, -57.0252

Sweetspot

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



153.6990, -16.6136, 55.5150



233.6280, -5.7326, 18.7432



159.3770, 25.4501, 50.5354



114.4530, -3.6743, 11.8807



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.



153.6990, -16.6136, 55.5150



165.3060, -23.8149, 78.6616



181.2880, -30.2150, 31.3194



102.8760, -1.9109, 6.2477



59.9450, -29.5529, 99.1492



16.1020, -7.9383, 26.2205

Inverse Universe

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



183.3010, 16.6136, -55.5150



207.2810, 23.5255, -79.1764



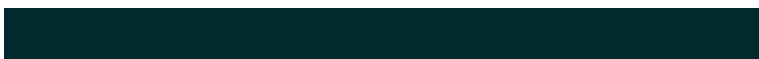
155.7120, 30.2150, -31.3194



106.1240, 1.9109, -6.2477



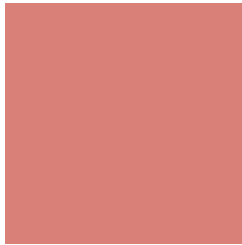
113.0550, 29.5529, -99.1492



29.8980, 7.9383, -26.2205

Previews

White Background



This preview shows how the YUV color 153.6990, -16.6136, 55.5150 looks on a white background.

Color Contrast Check

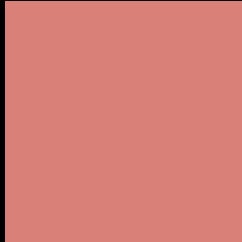
Large Text (above 18pt) WCAG AA × Fail

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 153.6990, -16.6136, 55.5150 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 153.6990, -16.6136, 55.5150

Background



This preview shows how black text looks on a background with the YUV color 153.6990, -16.6136, 55.5150.



This preview shows how white text looks on a background with the YUV color 153.6990, -16.6136,

55.5150.

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

153.6990, -16.6136, 55.5150

Protanopia

152.1120, -9.9152, 6.9178

Deuteranopia

153.4470, -17.9684, 23.2870



Tritanopia

154.5340, -9.6303, 55.6597

Trichromacy



Original Color

153.6990, -16.6136, 55.5150

Protanomaly

152.6520, -12.1534, 24.8612

Deuteranomaly

153.3390, -17.4221, 34.7827

Tritanomaly

154.5510, -12.1036, 55.6448

Monochromacy



Original Color

153.6990, -16.6136, 55.5150

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.2260, -6.0274, 19.9728

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.6990, -16.6136, 55.5150 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(217, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(217, 128, 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(217, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 128, 120) }
```

Border

The CSS property to change the border of an element to YUV 153.6990, -16.6136, 55.5150 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(217, 128, 120) }
```


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

```
.border{ border-color:rgb(217, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(217, 128,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 153.6990, -16.6136, 55.5150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 128, 120) }
```

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

```
.background{ background-color: rgb(217,  
128, 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