

Converting Colors

YUV(158.0090, -20.2174,
44.7191)

Have a look what the booklet for
YUV(158.0090, -20.2174, 44.7191)
contains.

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Color

**YUV(158.0090, -20.2174,
44.7191)**

Conversions

Conversions Part 1

Format	Color
Hex	D18C75
RGB	209, 140, 117
RGB Percent	82%, 55%, 46%
CMY	0.1804, 0.4510, 0.5412
CMYK	0.00, 0.33, 0.44, 0.18
HSL	15°, 50%, 64%
HSV	15°, 44%, 82%
XYZ	38.8835, 33.5958, 21.2649
YIQ	158.0090, 48.5070, 7.4750

Conversions

Conversions Part 2

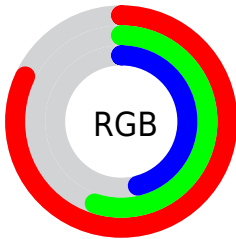
Format	Color
RYB	209, 148, 117
Decimal	13732981
CIELab	64.64, 23.59, 23.00
CIELCh	65, 32.943, 44.276
Yxy	33.5958, 0.4148, 0.3584
Android (android.graphics.Color)	4291923061 (0xFFD18C75)
YUV	158.0090, -20.2174, 44.7191
Hunter-Lab	57.9619, 18.3125, 18.8212

Details

The YUV color **158.0090, -20.2174, 44.7191** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **167.9910, 20.2174, -44.7191**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3890, -19.9118, 40.0008**, and **105.5570, -18.0226, 40.7305** is the 20% darker color. If you saturate the color by 10%, you get **146.2230, -24.7599, 55.0554**, and if you desaturate by 10%, it is **169.7950, -15.6749, 34.3828**.

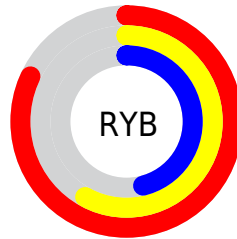
Distribution



Red (82%)

Green (55%)

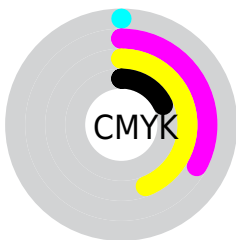
Blue (46%)



Red (82%)

Yellow (58%)

Blue (46%)

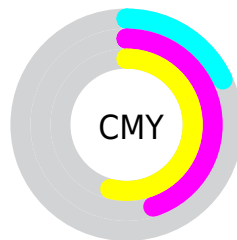


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.0090, -20.2174, 44.7191 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 158.0090, -20.2174, 44.7191 by changing the saturation by 10% instead.

 158.0090,
-20.2174, 44.7191

 158.0090,
-20.2174, 44.7191


255.0000, 0.0000,
0.0000

 131.2260,
-19.3384, 42.7748


 209.3890,
-19.9118, 40.0008

 105.5570,
-18.0226, 40.7305


 229.0170,
-15.7844, 22.7871


 80.4750, -16.9962,
38.1714

 249.2320,
-11.9464, 5.0585

 56.5070, -15.5330,
35.5124

254.7720, -0.8736,
0.2000

 32.9690, -16.2537,
33.3532

 13.7540, -6.7807,
28.2797

 0.2990, -0.1474,

0.6148

0.0000, 0.0000,
0.0000

158.0090,
-20.2174, 44.7191

158.0090,
-20.2174, 44.7191

146.2230,
-24.7599, 55.0554

169.7950,
-15.6749, 34.3828

135.0240,
-29.5918, 64.8770

180.9940,
-10.8430, 24.5613

123.2380,
-34.1343, 75.2133

192.7800, -6.3005,
14.2249

111.4520,
-38.6768, 85.5496

204.5660, -1.7580,
3.8886

100.3670,
-43.0719, 95.2711

215.6510, 2.6371,
-5.8329

■ 93.0150, -45.8564,
101.7188

■ 227.4370, 7.1796,
-16.1692

■ 238.3110, 8.2277,
-25.7057

■ 241.2460, 6.7807,
-28.2797

Harmonies

Analogous

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



159.3590, -7.5720, 48.7972



158.0090, -20.2174, 44.7191



156.2600, -27.7362, 29.5900

Triad

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



158.0090, -20.2174, 44.7191



145.0300, -2.4798, -44.7533



156.6430, 28.2770, -16.3499

Complementary

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



158.0090, -20.2174, 44.7191



167.9910, 20.2174, -44.7191

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.



147.4600, 32.3112, -50.3924



158.0090, -20.2174, 44.7191



138.2730, 15.6414, -70.3994

Square

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



158.0090, -20.2174, 44.7191



149.8950, -17.6962, -17.4479



137.4970, 29.3350, -75.8579



160.4360, 19.0121, 15.4036

Rectangle

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



158.0090, -20.2174, 44.7191



154.4710, -27.8402, 16.2499



137.4970, 29.3350, -75.8579



153.7340, 30.2041, -27.8307

Sweetspot

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



158.0090, -20.2174, 44.7191



236.5630, -7.1796, 16.1692



152.3740, 16.5776, 49.6610



116.2140, -4.5425, 10.3363



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.



158.0090, -20.2174, 44.7191



180.3230, -29.7392, 65.4917



185.0110, -33.5294, 21.0384



99.0500, -2.4897, 5.2181



74.8860, -36.9188, 81.6610



18.1290, -8.9376, 20.0579

Inverse Universe

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



167.9910, 20.2174, -44.7191



194.6770, 29.7392, -65.4917



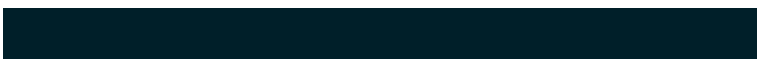
140.9890, 33.5294, -21.0384



99.9500, 2.4897, -5.2181



93.1140, 36.9188, -81.6610



22.8710, 8.9376, -20.0579

Previews

White Background



This preview shows how the YUV color 158.0090, -20.2174, 44.7191 looks on a white background.

Color Contrast Check

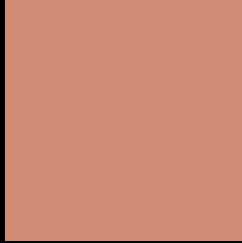
Large Text (above 18pt) WCAG AA × Fail

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 158.0090, -20.2174, 44.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

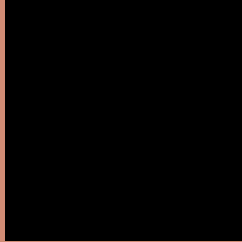
Any Text WCAG AA ✓ Pass

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 158.0090, -20.2174, 44.7191 Background



This preview shows how black text looks on a background with the YUV color 158.0090, -20.2174, 44.7191.



This preview shows how white text looks on a background with the YUV color 158.0090, -20.2174,

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

158.0090, -20.2174, 44.7191

Protanopia

156.3420, -15.4516, 9.3471

Deuteranopia

157.3610, -20.8840, 25.1164



Tritanopia

159.8640, -6.8350, 45.7233

Trichromacy



Original Color

158.0090, -20.2174, 44.7191

Protanomaly

156.9630, -17.2368, 21.9574

Deuteranomaly

157.5190, -20.4689, 31.9938

Tritanomaly

158.8980, -11.7817, 45.6935

Monochromacy



Original Color

158.0090, -20.2174, 44.7191

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8620, -7.3270, 16.7840

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0090, -20.2174, 44.7191 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(209, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(209, 140, 117)  
}
```

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(209, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 140, 117) }
```

Border

The CSS property to change the border of an element to YUV 158.0090, -20.2174, 44.7191 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(209, 140, 117) }
```


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

```
.border{ border-color:rgb(209, 140, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 140, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 140, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 140, 117);  
box-shadow:4px 4px 4px 4px rgb(209, 140,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 158.0090, -20.2174, 44.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 140, 117) }
```

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

```
.background{ background-color: rgb(209,  
140, 117) }
```

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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