

Converting Colors

YUV(158.3740, -23.8484,
42.6450)

Have a look what the booklet for
YUV(158.3740, -23.8484, 42.6450)
contains.

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Color

**YUV(158.3740, -23.8484,
42.6450)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8F6E
RGB	207, 143, 110
RGB Percent	81%, 56%, 43%
CMY	0.1882, 0.4392, 0.5686
CMYK	0.00, 0.31, 0.47, 0.19
HSL	20°, 50%, 62%
HSV	20°, 47%, 81%
XYZ	38.3691, 34.0361, 19.2992
YIQ	158.3740, 48.7370, 3.3050

Conversions

Conversions Part 2

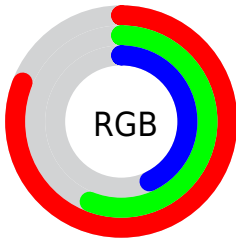
Format	Color
R_{YB}	207, 160, 110
Decimal	13602670
CIE _{Lab}	64.99, 20.43, 27.29
CIE _{LCh}	65, 34.094, 53.184
Yxy	34.0361, 0.4184, 0.3712
Android (android.graphics.Color)	4291792750 (0xFFCF8F6E)
YUV	158.3740, -23.8484, 42.6450
Hunter-Lab	58.3405, 15.2991, 21.2250

Details

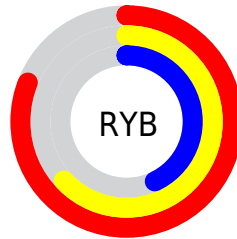
The YUV color **158.3740, -23.8484, 42.6450** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **158.6260, 23.8484, -42.6450**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3520, -23.8375, 39.1563**, and **105.9220, -21.6535, 38.6564** is the 20% darker color. If you saturate the color by 10%, you get **147.7620, -28.9697, 51.9517**, and if you desaturate by 10%, it is **168.9860, -18.7271, 33.3383**.

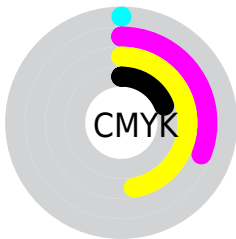
Distribution



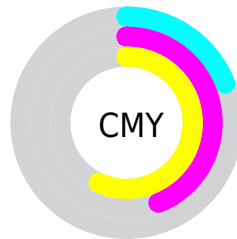
- Red (81%)
- Green (56%)
- Blue (43%)



- Red (81%)
- Yellow (63%)
- Blue (43%)



- Cyan (0%)
- Magenta (31%)
- Yellow (47%)
- Black (19%)



- Cyan (19%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.3740, -23.8484, 42.6450 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 158.3740, -23.8484, 42.6450 by changing the saturation by 10% instead.


 158.3740,
-23.8484, 42.6450

 158.3740,
-23.8484, 42.6450


255.0000, 0.0000,
0.0000

 131.5910,
-22.9694, 40.7007


 210.3520,
-23.8375, 39.1563

 105.9220,
-21.6535, 38.6564


 229.8660,
-20.1469, 22.0425


 80.8400, -20.6271,
36.0973

 250.0810,
-16.3089, 4.3140

 57.4590, -19.4533,
32.9235

 253.8600, -4.3680,
0.9998

 35.0180, -17.2639,
30.6792

 13.7430, -6.7753,
26.5354

 0.0000, 0.0000,

0.0000

■ 158.3740,
-23.8484, 42.6450

■ 158.3740,
-23.8484, 42.6450

■ 147.7620,
-28.9697, 51.9517

■ 168.9860,
-18.7271, 33.3383

■ 137.8510,
-33.9435, 60.6437

■ 178.8970,
-13.7532, 24.6463

■ 127.2390,
-39.0648, 69.9504

■ 189.5090, -8.6319,
15.3396

■ 116.6270,
-44.1861, 79.2571

■ 200.1210, -3.5107,
6.0329

■ 106.7160,
-49.1600, 87.9491

■ 210.0320, 1.4632,
-2.6591

■ 102.9830,
-50.7706, 91.2229

■ 220.6440, 6.5845,
-11.9658

■ 231.2560, 11.7058,
-21.2725

■ 238.8870, 7.9437,
-27.9649

■ 240.6480, 7.0755,
-29.5093

Harmonies

Analogous

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



159.5180, -12.0874, 50.4117



158.3740, -23.8484, 42.6450



155.8850, -29.0303, 24.6569

Triad

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



158.3740, -23.8484, 42.6450



143.0440, 2.9363, -55.2896



158.7690, 27.2289, -6.8134

Complementary

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



158.3740, -23.8484, 42.6450



158.6260, 23.8484, -42.6450

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.



151.3300, 32.8683, -42.3854



158.3740, -23.8484, 42.6450



135.6290, 22.3679, -81.2356

Square

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



158.3740, -23.8484, 42.6450



149.0510, -14.3221, -26.3547



139.1210, 32.9713, -75.5281



162.3940, 16.0748, 24.2105

Rectangle

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



158.3740, -23.8484, 42.6450



154.4270, -27.8185, 9.2725



139.1210, 32.9713, -75.5281



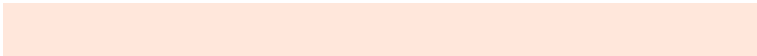
156.9740, 29.5928, -18.3942

Sweetspot

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



158.3740, -23.8484, 42.6450



236.8080, -8.7793, 15.9544



146.4130, 14.0934, 53.1348



116.6870, -5.2687, 9.9215



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.



158.3740, -23.8484, 42.6450



183.5200, -35.2594, 62.6880



186.5500, -37.7391, 17.9347



99.6370, -2.7790, 4.7034



83.6910, -41.2597, 73.9390



20.4770, -10.0952, 17.9987

Inverse Universe

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



158.6260, 23.8484, -42.6450



183.4800, 35.2594, -62.6880



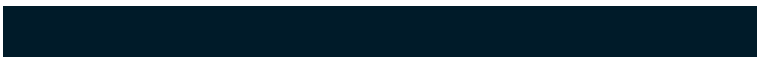
130.4500, 37.7392, -17.9346



99.3630, 2.7790, -4.7034



84.3090, 41.2597, -73.9390



20.5230, 10.0952, -17.9987

Previews

White Background



This preview shows how the YUV color 158.3740, -23.8484, 42.6450 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 158.3740, -23.8484, 42.6450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

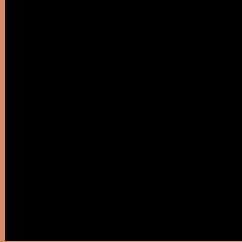
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.3740, -23.8484, 42.6450

Background



This preview shows how black text looks on a background with the YUV color 158.3740, -23.8484, 42.6450.



This preview shows how white text looks on a background with the YUV color 158.3740, -23.8484, 42.6450.

42.6450.

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

158.3740, -23.8484, 42.6450

Protanopia

156.8000, -20.1144, 11.5764

Deuteranopia

157.4600, -24.3838, 27.6606



Tritanopia

160.6680, -6.2453, 43.2642

Trichromacy



Original Color

158.3740, -23.8484, 42.6450

Protanomaly

157.5240, -21.4573, 22.3425

Deuteranomaly

157.9060, -24.1107, 33.4084

Tritanomaly

159.9470, -12.7919, 43.0195

Monochromacy



Original Color

158.3740, -23.8484, 42.6450

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.5090, -8.6319, 15.3396

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3740, -23.8484, 42.6450 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(207, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(207, 143, 110)  
}
```

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(207, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 143, 110) }
```

Border

The CSS property to change the border of an element to YUV 158.3740, -23.8484, 42.6450 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(207, 143, 110) }
```


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

```
.border{ border-color:rgb(207, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(207, 143,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 158.3740, -23.8484, 42.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 143, 110) }
```

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

```
.background{ background-color: rgb(207,  
143, 110) }
```

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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