

# Converting Colors

YUV(145.7980, -23.5644,  
44.9042)

Have a look what the booklet for  
YUV(145.7980, -23.5644, 44.9042)  
contains.

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# Color

**YUV(145.7980, -23.5644,  
44.9042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C58162
RGB	197, 129, 98
RGB Percent	77%, 51%, 38%
CMY	0.2275, 0.4941, 0.6157
CMYK	0.00, 0.35, 0.50, 0.23
HSL	19°, 46%, 58%
HSV	19°, 50%, 77%
XYZ	33.0808, 28.4527, 15.3036
YIQ	145.7980, 50.4790, 4.7750

# Conversions

## Conversions Part 2

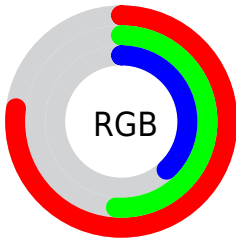
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 143, 98
Decimal	12943714
CIELab	60.30, 22.85, 27.56
CIELCh	60, 35.798, 50.338
Yxy	28.4527, 0.4305, 0.3703
Android (android.graphics.Color)	4291133794 (0xFFC58162)
YUV	145.7980, -23.5644, 44.9042
Hunter-Lab	53.3410, 17.3545, 20.3283

# Details

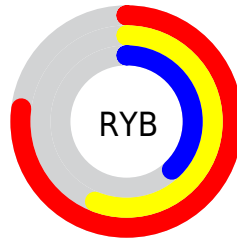
The YUV color **145.7980, -23.5644, 44.9042** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **149.2020, 23.5644, -44.9042**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0650, -25.1750, 48.1780**, and **94.0470, -21.2222, 40.3008** is the 20% darker color. If you saturate the color by 10%, you get **135.3000, -28.2489, 54.1109**, and if you desaturate by 10%, it is **156.2960, -18.8799, 35.6974**.

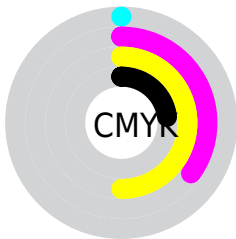
# Distribution



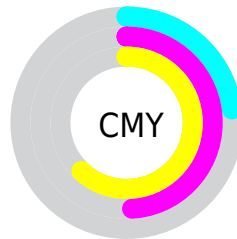
- Red (77%)
- Green (51%)
- Blue (38%)



- Red (77%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (50%)
- Black (23%)



- Cyan (23%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.7980, -23.5644, 44.9042 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 145.7980, -23.5644, 44.9042 by changing the saturation by 10% instead.





 145.7980,  
-23.5644, 44.9042


 145.7980,  
-23.5644, 44.9042


255.0000, 0.0000,  
0.0000


 119.7160,  
-22.5380, 42.3451


 200.0650,  
-25.1750, 48.1780

 94.0470, -21.2222,  
40.3008


 219.5790,  
-21.4844, 31.0642


 69.9650, -20.1957,  
37.7417

 239.0930,  
-17.7938, 13.9504

 45.7690, -19.6061,  
35.2826

 252.3780,  
-10.0464, 2.2995

 24.0980, -11.8803,  
30.6091

 11.1770, -5.0173,  
22.6468

 0.0000, 0.0000,

0.0000

■ 145.7980,  
-23.5644, 44.9042

■ 145.7980,  
-23.5644, 44.9042

■ 135.3000,  
-28.2489, 54.1109

■ 156.2960,  
-18.8799, 35.6974

■ 125.5030,  
-32.7860, 62.7029

■ 166.0930,  
-14.3428, 27.1054

■ 115.0050,  
-37.4705, 71.9096

■ 176.5910, -9.6584,  
17.8987

■ 105.0940,  
-42.4443, 80.6016

■ 186.5020, -4.6845,  
9.2067

■ 95.2970, -46.9814,  
89.1935

■ 197.0000, 0.0000,  
0.0000

■ 206.7970, 4.5371,  
-8.5920

■ 217.2950, 9.2216,  
-17.7987

■ 227.0920, 13.7586,  
-26.3907

■ 235.3100, 9.7072,  
-33.5979

# Harmonies

## Analogous

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



147.1700, -10.9298, 52.4709



145.7980, -23.5644, 44.9042



143.9670, -30.0567, 27.2159

# Triad

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



145.7980, -23.5644, 44.9042



128.9190, 2.5049, -56.9340



146.0890, 28.5501, -10.6021

# Complementary

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



145.7980, -23.5644, 44.9042



149.2020, 23.5644, -44.9042

# 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.



136.1440, 34.9320, -50.9923



145.7980, -23.5644, 44.9042



114.0180, 25.6271, -99.9938

# Square

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



145.7980, -23.5644, 44.9042



136.3070, -15.9274, -24.8252



115.3350, 38.2888, -101.1488



149.2520, 18.1168, 22.5810



# Rectangle

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



145.7980, -23.5644, 44.9042



141.9820, -29.5711, 11.4168



115.3350, 38.2888, -101.1488



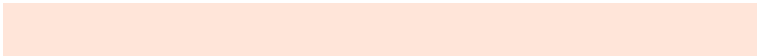
143.6960, 31.2089, -23.4124

# Sweetspot

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



145.7980, -23.5644, 44.9042



235.4060, -9.0742, 17.1839



135.4670, 15.5458, 53.9644



115.9860, -5.4161, 10.5363



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.



145.7980, -23.5644, 44.9042



175.9230, -36.4440, 69.3505



173.9740, -37.4552, 20.1938



94.4520, -2.1948, 3.9886



78.6740, -38.7863, 73.9539



17.2210, -8.4900, 16.4692



# Inverse Universe

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



149.2020, 23.5644, -44.9042



181.0770, 36.4440, -69.3505



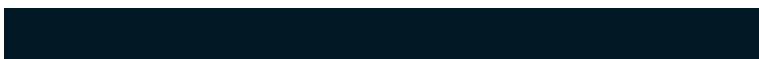
121.0260, 37.4552, -20.1938



94.5480, 2.1948, -3.9886



84.3260, 38.7863, -73.9539



18.7790, 8.4900, -16.4692



# Previews

## White Background



This preview shows how the YUV color 145.7980, -23.5644, 44.9042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

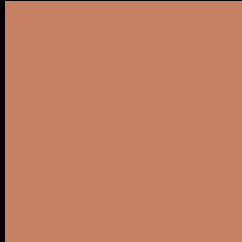
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 145.7980, -23.5644, 44.9042 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 × Fail

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

# YUV 145.7980, -23.5644, 44.9042

## Background



This preview shows how black text looks on a background with the YUV color 145.7980, -23.5644, 44.9042.



This preview shows how white text looks on a background with the YUV color 145.7980, -23.5644,



# 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

145.7980, -23.5644, 44.9042

### Protanopia

144.6150, -19.5302, 10.8616

### Deuteranopia

144.8620, -24.0890, 26.4310



## Tritanopia

147.8640, -6.8350, 45.7233

# Trichromacy



## Original Color

145.7980, -23.5644, 44.9042

## Protanomaly

145.2360, -21.3153, 23.4720

## Deuteranomaly

145.0200, -23.6739, 33.3085

## Tritanomaly

147.2570, -12.9447, 45.3786

# Monochromacy



## Original Color

145.7980, -23.5644, 44.9042

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.2210, -8.4900, 16.4692

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.7980, -23.5644, 44.9042 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(197, 129, 98)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 98)  
}
```

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(197, 129, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 98) }
```

## Border

The CSS property to change the border of an element to YUV 145.7980, -23.5644, 44.9042 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(197, 129, 98) }
```



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

```
.border{ border-color:rgb(197, 129, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 98);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
98) }
```

# Background

The CSS property to change the background color of an element to YUV 145.7980, -23.5644, 44.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 98) }
```

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

```
.background{ background-color: rgb(197,  
129, 98) }
```

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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