

Converting Colors

YUV(117.9100, -23.6196,
15.8649)

Have a look what the booklet for
YUV(117.9100, -23.6196, 15.8649)
contains.

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Color

**YUV(117.9100, -23.6196,
15.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	887646
RGB	136, 118, 70
RGB Percent	53%, 46%, 27%
CMY	0.4667, 0.5373, 0.7255
CMYK	0.00, 0.13, 0.49, 0.47
HSL	44°, 32%, 40%
HSV	44°, 49%, 53%
XYZ	17.7373, 18.6333, 8.4561
YIQ	117.9100, 26.1360, -11.1120

Conversions

Conversions Part 2

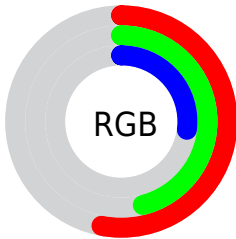
Format	Color
R_{YB}	95, 136, 70
Decimal	8943174
CIE _{Lab}	50.26, 0.14, 28.90
CIE _{LCh}	50, 28.904, 89.714
Yxy	18.6333, 0.3957, 0.4157
Android (android.graphics.Color)	4287133254 (0xFF887646)
YUV	117.9100, -23.6196, 15.8649
Hunter-Lab	43.1663, -2.1944, 18.6018

Details

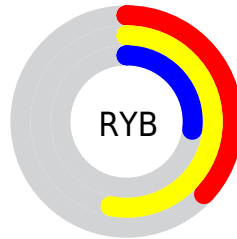
The YUV color **117.9100, -23.6196, 15.8649** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **88.0900, 23.6196, -15.8649**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4650, -25.3722, 18.0092**, and **68.9420, -22.1564, 13.2059** is the 20% darker color. If you saturate the color by 10%, you get **113.9660, -28.5772, 19.3238**, and if you desaturate by 10%, it is **121.8540, -18.6620, 12.4060**.

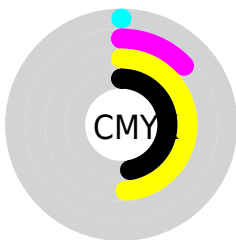
Distribution



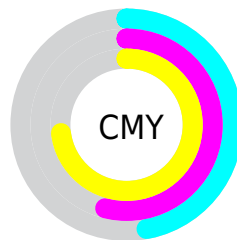
- Red (53%)
- Green (46%)
- Blue (27%)



- Red (37%)
- Yellow (53%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (49%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9100, -23.6196, 15.8649 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 117.9100, -23.6196, 15.8649 by changing the saturation by 10% instead.

■ 117.9100,
-23.6196, 15.8649

■ 117.9100,
-23.6196, 15.8649

■ 255.0000, 0.0000,
0.0000

■ 92.8390, -22.5986,
15.0502

■ 170.4650,
-25.3722, 18.0092

■ 68.9420, -22.1564,
13.2059

■ 197.6500,
-25.9565, 18.7239

■ 46.1160, -22.7352,
12.1763

■ 225.8350,
-26.5407, 19.4387

■ 26.6130, -13.1202,
8.2324

■ 248.0290,
-24.1713, 6.1136

■ 1.1850, -0.5842,
0.7148

■ 251.9220,
-11.7935, 2.6994

■ 0.0000, 0.0000,
0.0000

■ 117.9100,
-23.6196, 15.8649

■ 117.9100,
-23.6196, 15.8649

■ 113.9660,
-28.5772, 19.3238

■ 121.8540,
-18.6620, 12.4060

■ 110.7230,
-33.3874, 22.1679

■ 125.0970,
-13.8518, 9.5619

■ 106.7790,
-38.3450, 25.6268

■ 129.0410, -8.8942,
6.1030

■ 102.9490,
-42.8659, 28.9857

■ 132.8710, -4.3734,
2.7441

■ 99.0050, -47.8235,
32.4446

■ 136.8150, 0.5842,
-0.7148

■ 98.7770, -48.6971,
32.6446

■ 140.1720, 5.8312,
-3.6588

■ 144.0020, 10.3520,
-7.0178

■ 147.9460, 15.3096,

-10.4766

■ 151.1890, 20.1198,
-13.3208

Harmonies

Analogous

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



119.5190, -20.4689, 31.9938



117.9100, -23.6196, 15.8649



114.9290, -19.1920, -4.3227

Triad

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



117.9100, -23.6196, 15.8649



98.2710, 22.0514, -73.0287



123.0150, 10.8386, 23.6658

Complementary

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



117.9100, -23.6196, 15.8649



88.0900, 23.6196, -15.8649

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.



121.2770, 20.0764, 0.6341



117.9100, -23.6196, 15.8649



106.0370, 27.0968, -57.9144

Square

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



117.9100, -23.6196, 15.8649



105.8750, 5.9776, -50.7564



115.8820, 25.6942, -27.9605



122.4160, -0.6981, 37.3462

Rectangle

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



117.9100, -23.6196, 15.8649



112.8500, -12.7441, -19.1625



115.8820, 25.6942, -27.9605



122.5950, 14.4967, 17.0182

Sweetspot

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



117.9100, -23.6196, 15.8649



168.9270, -9.3310, 6.2030



91.9000, -1.4297, 38.6757



84.8280, -5.8312, 3.6588



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



117.9100, -23.6196, 15.8649



147.9360, -36.4504, 24.6121



124.2900, -26.7650, -2.0083



67.0280, -2.4788, 1.7294



96.1190, -47.3867, 32.3446



3.8430, -1.8946, 1.0147

Inverse Universe

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



88.0900, 23.6196, -15.8649



102.0640, 36.4504, -24.6121



81.7100, 26.7650, 2.0083



63.9720, 2.4788, -1.7294



36.2940, 47.6761, -31.8298



1.1570, 1.8946, -1.0147

Previews

White Background



This preview shows how the YUV color 117.9100, -23.6196, 15.8649 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 117.9100, -23.6196, 15.8649 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 117.9100, -23.6196, 15.8649

Background



This preview shows how black text looks on a background with the YUV color 117.9100, -23.6196, 15.8649.



This preview shows how white text looks on a background with the YUV color 117.9100, -23.6196, 15.8649.

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

117.9100, -23.6196, 15.8649

Protanopia

117.7030, -23.0246, 11.6615

Deuteranopia

118.3670, -23.3519, 23.3571



Tritanopia

121.6970, -0.3436, 16.9287

Trichromacy



Original Color

117.9100, -23.6196, 15.8649

Protanomaly

117.7140, -23.0300, 13.4058

Deuteranomaly

118.0570, -23.1991, 20.9980

Tritanomaly

120.1070, -8.9268, 16.5692

Monochromacy



Original Color

117.9100, -23.6196, 15.8649

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1550, -8.4574, 6.0031

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9100, -23.6196, 15.8649 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(136, 118, 70)` looks like.

```
.text, #text, p{  
    color:rgb(136, 118, 70)  
}
```

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(136, 118, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 118, 70) }
```

Border

The CSS property to change the border of an element to YUV 117.9100, -23.6196, 15.8649 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(136, 118, 70) }
```


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

```
.border{ border-color:rgb(136, 118, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 118, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 118, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 118, 70);  
box-shadow:4px 4px 4px 4px rgb(136, 118,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 117.9100, -23.6196, 15.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 118, 70) }
```

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

```
.background{ background-color: rgb(136,  
118, 70) }
```

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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