

Converting Colors

YUV(118.2640, -23.7942,
25.2015)

Have a look what the booklet for
YUV(118.2640, -23.7942, 25.2015)
contains.

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Color

**YUV(118.2640, -23.7942,
25.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	937146
RGB	147, 113, 70
RGB Percent	58%, 44%, 27%
CMY	0.4235, 0.5569, 0.7255
CMYK	0.00, 0.23, 0.52, 0.42
HSL	34°, 35%, 43%
HSV	34°, 52%, 58%
XYZ	19.0432, 18.4555, 8.3529
YIQ	118.2640, 34.0670, -6.1650

Conversions

Conversions Part 2

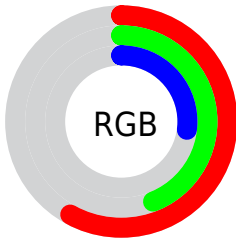
Format	Color
R_{YB}	131, 147, 70
Decimal	9662790
CIE Lab	50.04, 7.90, 28.89
CIE LCh	50, 29.949, 74.700
Yxy	18.4555, 0.4153, 0.4025
Android (android.graphics.Color)	4287852870 (0xFF937146)
YUV	118.2640, -23.7942, 25.2015
Hunter-Lab	42.9599, 3.9457, 18.5438

Details

The YUV color **118.2640, -23.7942, 25.2015** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **98.7360, 23.7942, -25.2015**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1180, -25.6942, 27.9605**, and **69.1110, -21.7467, 21.8277** is the 20% darker color. If you saturate the color by 10%, you get **113.0320, -28.6098, 29.7899**, and if you desaturate by 10%, it is **123.4960, -18.9785, 20.6130**.

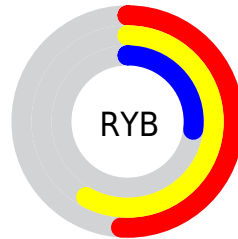
Distribution



Red (58%)

Green (44%)

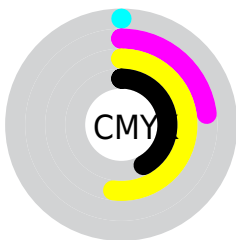
Blue (27%)



Red (51%)

Yellow (58%)

Blue (27%)

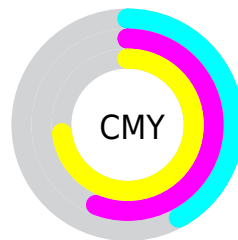


Cyan (0%)

Magenta (23%)

Yellow (52%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2640, -23.7942, 25.2015 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 118.2640, -23.7942, 25.2015 by changing the saturation by 10% instead.

■ 118.2640,
-23.7942, 25.2015

■ 118.2640,
-23.7942, 25.2015

■ 255.0000, 0.0000,
0.0000

■ 93.4810, -22.9151,
23.2572

■ 171.1180,
-25.6942, 27.9605

■ 69.1110, -21.7467,
21.8277

■ 198.6020,
-26.4258, 29.2900

■ 45.8720, -22.6149,
20.2833

■ 224.9930,
-26.1255, 26.3161

■ 26.6570, -13.1419,
15.2098

■ 244.5070,
-22.4350, 9.2024

■ 5.6810, -2.8007,
11.6808

■ 251.8080,
-12.2303, 2.7994

■ 0.0000, 0.0000,
0.0000

■ 118.2640,
-23.7942, 25.2015

■ 118.2640,
-23.7942, 25.2015

■ 113.0320,
-28.6098, 29.7899

■ 123.4960,
-18.9785, 20.6130

■ 107.3270,
-32.6992, 34.7932

■ 129.2010,
-14.8891, 15.6097

■ 102.0950,
-37.5148, 39.3817

■ 134.4330,
-10.0735, 11.0213

■ 96.2760, -42.0411,
44.4849

■ 140.2520, -5.5472,
5.9180

■ 92.0870, -45.3989,
48.1587

■ 145.4840, -0.7316,
1.3295

■ 151.1890, 3.3578,
-3.6738

■ 156.4210, 8.1734,
-8.2622

■ 162.2400, 12.6997,

-13.3655

■ 167.3580, 17.0785,
-17.8540

Harmonies

Analogous

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



119.3610, -17.4330, 38.2714



118.2640, -23.7942, 25.2015



116.2570, -23.2977, 5.9136

Triad

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



118.2640, -23.7942, 25.2015



98.6860, 15.9308, -69.8846



122.3280, 16.1073, 13.7443

Complementary

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



118.2640, -23.7942, 25.2015



98.7360, 23.7942, -25.2015

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.



118.3290, 24.4878, -14.3205



118.2640, -23.7942, 25.2015



94.4530, 29.3567, -82.8353

Square

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



118.2640, -23.7942, 25.2015



107.9920, -1.4751, -40.3350



109.5700, 28.8060, -46.1039



122.2890, 5.2805, 33.0725

Rectangle

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



118.2640, -23.7942, 25.2015



114.0210, -18.7444, -7.9114



109.5700, 28.8060, -46.1039



121.4840, 19.4814, 4.8375

Sweetspot

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



118.2640, -23.7942, 25.2015



179.9490, -9.3419, 9.6917



97.0130, 3.9376, 43.8386



90.1380, -5.9840, 6.0180



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



118.2640, -23.7942, 25.2015



146.2090, -37.0780, 39.2817



137.0260, -33.0438, 5.2392



71.4410, -2.1894, 2.2442



86.4610, -42.6253, 45.1997



6.5120, -3.2104, 3.0590

Inverse Universe

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



98.7360, 23.7942, -25.2015



115.7910, 37.0780, -39.2817



79.9740, 33.0438, -5.2392



69.5590, 2.1894, -2.2442



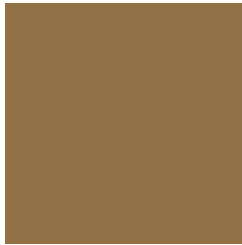
51.5390, 42.6253, -45.1997



4.0750, 2.9210, -3.5738

Previews

White Background



This preview shows how the YUV color 118.2640, -23.7942, 25.2015 looks on a white background.

Color Contrast Check

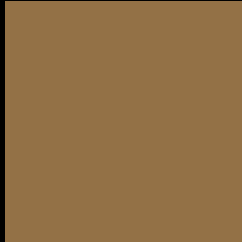
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2640, -23.7942, 25.2015 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 118.2640, -23.7942, 25.2015

Background



This preview shows how black text looks on a background with the YUV color 118.2640, -23.7942, 25.2015.



This preview shows how white text looks on a background with the YUV color 118.2640, -23.7942, 25.2015.

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

118.2640, -23.7942, 25.2015

Protanopia

116.9310, -22.1510, 11.4615

Deuteranopia

118.2530, -23.7887, 23.4571



Tritanopia

121.1820, -2.5547, 26.1504

Trichromacy



Original Color

118.2640, -23.7942, 25.2015

Protanomaly

117.4370, -22.8934, 16.2798

Deuteranomaly

118.5520, -23.9361, 24.0719

Tritanomaly

120.1190, -10.4117, 26.2056

Monochromacy



Original Color

118.2640, -23.7942, 25.2015

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1770, -8.4683, 9.4918

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2640, -23.7942, 25.2015 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(147, 113, 70)` looks like.

```
.text, #text, p{  
    color:rgb(147, 113, 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(147, 113, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 113, 70) }
```

Border

The CSS property to change the border of an element to YUV 118.2640, -23.7942, 25.2015 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(147, 113, 70) }
```


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

```
.border{ border-color:rgb(147, 113, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 113, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 113, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 113, 70);  
box-shadow:4px 4px 4px 4px rgb(147, 113,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 118.2640, -23.7942, 25.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 113, 70) }
```

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

```
.background{ background-color: rgb(147,  
113, 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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