

Converting Colors

YUV(144.2640, -47.4582,
8.5385)

Have a look what the booklet for
YUV(144.2640, -47.4582, 8.5385)
contains.

YUV(144.2640, -47.4582, 8.5385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(144.2640, -47.4582,
8.5385)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9E30
RGB	154, 158, 48
RGB Percent	60%, 62%, 19%
CMY	0.3961, 0.3804, 0.8118
CMYK	0.03, 0.00, 0.70, 0.38
HSL	62°, 53%, 40%
HSV	62°, 70%, 62%
XYZ	26.0868, 31.5371, 7.5087
YIQ	144.2640, 32.9260, -35.0580

Conversions

Conversions Part 2

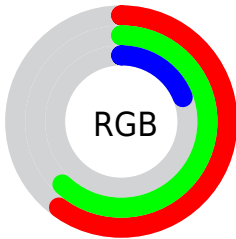
Format	Color
RYB	48, 158, 52
Decimal	10133040
CIELab	62.96, -15.40, 54.12
CIELCh	63, 56.269, 105.887
Yxy	31.5371, 0.4005, 0.4842
Android (android.graphics.Color)	4288323120 (0xFF9A9E30)
YUV	144.2640, -47.4582, 8.5385
Hunter-Lab	56.1579, -15.3586, 31.3831

Details

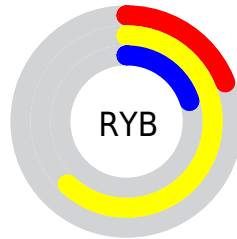
The YUV color **144.2640, -47.4582, 8.5385** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **61.7360, 47.4582, -8.5385**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0470, -48.3372, 10.4828**, and **92.7090, -45.7055, 6.3942** is the 20% darker color. If you saturate the color by 10%, you get **142.1410, -54.2995, 9.5233**, and if you desaturate by 10%, it is **146.3870, -40.6168, 7.5536**.

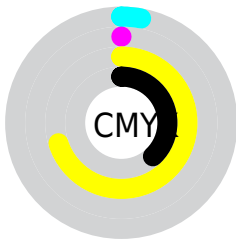
Distribution



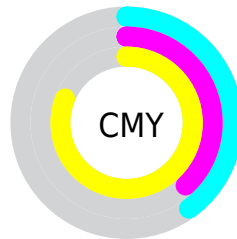
- Red (60%)
- Green (62%)
- Blue (19%)



- Red (19%)
- Yellow (62%)
- Blue (20%)



- Cyan (3%)
- Magenta (0%)
- Yellow (70%)
- Black (38%)



- Cyan (40%)
- Magenta (38%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.2640, -47.4582, 8.5385 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 144.2640, -47.4582, 8.5385 by changing the saturation by 10% instead.

■ 144.2640,
-47.4582, 8.5385

■ 144.2640,
-47.4582, 8.5385

■ 255.0000, 0.0000,
0.0000

■ 117.0960,
-49.3473, 7.8088

■ 199.0470,
-48.3372, 10.4828

■ 92.7090, -45.7055,
6.3942

■ 227.8190,
-49.2108, 10.6827

■ 70.8470, -34.9276,
2.7652

■ 243.6000,
-43.6798, 9.9978

■ 49.5720, -24.4390,
-1.3786

■ 246.7920,
-31.4495, 7.1984

■ 29.1830, -14.3872,
-5.4225

■ 249.9840,
-19.2191, 4.3990

■ 10.5660, -5.2090,
-9.2664

■ 253.2900, -6.5520,

■ 0.0000, 0.0000,

1.4997

0.0000

■ 144.2640,
-47.4582, 8.5385

■ 144.2640,
-47.4582, 8.5385

■ 142.1410,
-54.2995, 9.5233

■ 146.3870,
-40.6168, 7.5536

■ 140.3170,
-61.2883, 11.1230

■ 148.2110,
-33.6280, 5.9540

■ 138.3080,
-67.6928, 12.0079

■ 150.2200,
-27.2235, 5.0691

■ 138.1940,
-68.1296, 12.1079

■ 152.0440,
-20.2347, 3.4694

■ 154.1670,
-13.3933, 2.4845

■ 155.9910, -6.4046,
0.8849

■ 158.1140, 0.4368,
-0.1000

■ 160.1230, 6.8414,
-0.9849

■ 161.9470, 13.8301,
-2.5845

Harmonies

Analogous

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



148.0820, -47.8614, 44.6551



144.2640, -47.4582, 8.5385



136.9130, -28.5511, -35.8807

Triad

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



144.2640, -47.4582, 8.5385



127.5600, 47.0519, -111.8701



154.2300, 11.7186, 68.2043

Complementary

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



144.2640, -47.4582, 8.5385



61.7360, 47.4582, -8.5385

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.



156.9550, 32.0672, 28.1035



144.2640, -47.4582, 8.5385



125.2410, 61.0132, -109.8364

Square

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



144.2640, -47.4582, 8.5385



124.1910, 26.5278, -108.9155



148.7390, 49.4287, -33.9741



150.9440, -11.3114, 81.6101

Rectangle

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



144.2640, -47.4582, 8.5385



122.9360, -6.8704, -83.2589



148.7390, 49.4287, -33.9741



155.7000, 18.8819, 57.2681

Sweetspot

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



144.2640, -47.4582, 8.5385



201.3860, -18.9243, 3.1695



83.2380, -17.3723, 65.5663



101.6230, -11.6461, 2.0846



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



144.2640, -47.4582, 8.5385



185.0710, -74.9710, 13.0927



127.8190, -39.3508, -25.2743



78.0880, -3.4944, 0.7998



125.2030, -61.7251, 11.2230



13.2900, -6.5520, 1.4997

Inverse Universe

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



61.7360, 47.4582, -8.5385



54.6300, 75.1184, -13.7075



78.1810, 39.3508, 25.2743



71.9120, 3.4944, -0.7998



17.7970, 61.7251, -11.2230



2.0090, 6.4046, -0.8849

Previews

White Background



This preview shows how the YUV color 144.2640, -47.4582, 8.5385 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 144.2640, -47.4582, 8.5385 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 144.2640, -47.4582, 8.5385

Background



This preview shows how black text looks on a background with the YUV color 144.2640, -47.4582, 8.5385.



This preview shows how white text looks on a background with the YUV color 144.2640, -47.4582, 8.5385.

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

144.2640, -47.4582, 8.5385

Protanopia

146.2980, -48.9539, 21.6637

Deuteranopia

147.9670, -46.8187, 36.8629



Tritanopia

154.0380, 2.4463, 8.7367

Trichromacy



Original Color

144.2640, -47.4582, 8.5385

Protanomaly

145.6780, -48.6483, 16.9454

Deuteranomaly

146.7870, -47.2230, 26.4968

Tritanomaly

150.6300, -15.5936, 8.2175

Monochromacy



Original Color

144.2640, -47.4582, 8.5385

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.1410, -17.3245, 3.3843

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.2640, -47.4582, 8.5385 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(154, 158, 48)` looks like.

```
.text, #text, p{  
    color:rgb(154, 158, 48)  
}
```

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(154, 158, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 158, 48) }
```

Border

The CSS property to change the border of an element to YUV 144.2640, -47.4582, 8.5385 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(154, 158, 48) }
```


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

```
.border{ border-color:rgb(154, 158, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 158, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 158, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 158, 48);  
box-shadow:4px 4px 4px 4px rgb(154, 158,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 144.2640, -47.4582, 8.5385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 158, 48) }
```

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

```
.background{ background-color: rgb(154,  
158, 48) }
```

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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