

Converting Colors

YUV(164.2640, -47.4582,
8.5385)

Have a look what the booklet for
YUV(164.2640, -47.4582, 8.5385)
contains.

YUV(164.2640, -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(164.2640, -47.4582,
8.5385)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB244
RGB	174, 178, 68
RGB Percent	68%, 70%, 27%
CMY	0.3176, 0.3020, 0.7333
CMYK	0.02, 0.00, 0.62, 0.30
HSL	62°, 45%, 48%
HSV	62°, 62%, 70%
XYZ	34.4193, 41.2568, 11.6181
YIQ	164.2640, 32.9260, -35.0580

Conversions

Conversions Part 2

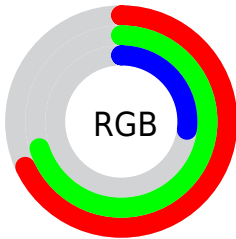
Format	Color
RYB	68, 178, 72
Decimal	11448900
CIELab	70.36, -15.83, 54.03
CIELCh	70, 56.300, 106.333
Yxy	41.2568, 0.3943, 0.4726
Android (android.graphics.Color)	4289638980 (0xFFAEB244)
YUV	164.2640, -47.4582, 8.5385
Hunter-Lab	64.2315, -16.7533, 34.2377

Details

The YUV color **164.2640, -47.4582, 8.5385** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **81.7360, 47.4582, -8.5385**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5200, -49.0634, 10.0680**, and **110.2270, -51.3839, 7.6939** is the 20% darker color. If you saturate the color by 10%, you get **161.9130, -55.1731, 9.7233**, and if you desaturate by 10%, it is **166.6150, -39.7432, 7.3536**.

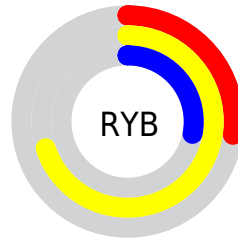
Distribution



Red (68%)

Green (70%)

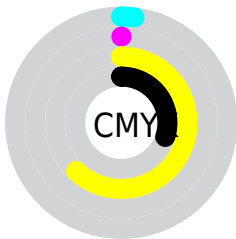
Blue (27%)



Red (27%)

Yellow (70%)

Blue (28%)

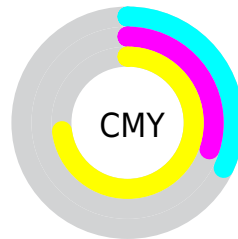


Cyan (2%)

Magenta (0%)

Yellow (62%)

Black (30%)



Cyan (32%)

Magenta (30%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2640, -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 164.2640, -47.4582, 8.5385 by changing the saturation by 10% instead.

■ 164.2640,
-47.4582, 8.5385

■ 164.2640,
-47.4582, 8.5385

■ 255.0000, 0.0000,
0.0000

■ 136.9650,
-47.3107, 7.9237

■ 220.5200,
-49.0634, 10.0680

■ 110.2270,
-51.3839, 7.6939

■ 242.8020,
-46.7374, 10.6976

■ 86.7950, -42.7899,
4.5648

■ 245.9940,
-34.5070, 7.8983

■ 65.2320, -32.1594,
1.5505

■ 249.1860,
-22.2767, 5.0989

■ 43.6580, -21.5234,
-3.2081

■ 252.3780,
-10.0464, 2.2995

■ 23.8560, -11.7610,
-7.7667

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 164.2640,
-47.4582, 8.5385

■ 164.2640,
-47.4582, 8.5385

■ 161.9130,
-55.1731, 9.7233

■ 166.6150,
-39.7432, 7.3536

■ 159.8610,
-63.0355, 11.5229

■ 168.6670,
-31.8808, 5.5540

■ 157.6240,
-70.3136, 12.6078

■ 170.9040,
-24.6027, 4.4692

■ 155.9140,
-76.8656, 14.1074

■ 173.2550,
-16.8877, 3.2844

■ 175.3070, -9.0254,
1.4848

■ 177.6580, -1.3104,
0.2999

■ 180.0090, 6.4046,
-0.8849

■ 181.9470, 13.8301,
-2.5845

■ 184.2980, 21.5451,
-3.7693

Harmonies

Analogous

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



168.4520, -49.0298, 46.0846



164.2640, -47.4582, 8.5385



157.3860, -29.2773, -36.2955

Triad

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



164.2640, -47.4582, 8.5385



141.8080, 50.8737, -124.3656



174.8280, 11.4238, 69.4338

Complementary

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



164.2640, -47.4582, 8.5385



81.7360, 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.



177.0800, 32.4986, 29.7478



164.2640, -47.4582, 8.5385



137.0780, 58.1355, -120.2174

Square

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



164.2640, -47.4582, 8.5385



138.9120, 29.6234, -121.8258



167.7520, 43.0133, -29.6005



168.0250, -10.8583, 76.2771

Rectangle

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



164.2640, -47.4582, 8.5385



145.6270, -8.1971, -77.7259



167.7520, 43.0133, -29.6005



176.2980, 18.5871, 58.4977

Sweetspot

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



164.2640, -47.4582, 8.5385



226.3860, -18.9243, 3.1695



103.2380, -17.3723, 65.5663



113.6230, -11.6461, 2.0846



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



164.2640, -47.4582, 8.5385



210.5980, -74.2448, 13.5076



147.8190, -39.3508, -25.2743



87.9740, -3.9312, 0.8998



133.7640, -65.9457, 11.6080



22.7370, -11.2093, 1.9847

Inverse Universe

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



81.7360, 47.4582, -8.5385



81.7010, 74.0974, -12.8928



98.1810, 39.3508, 25.2743



81.3250, 3.7838, -0.2850



19.2360, 65.9457, -11.6080



3.2630, 11.2093, -1.9847

Previews

White Background



This preview shows how the YUV color 164.2640, -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 164.2640, -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 164.2640, -47.4582, 8.5385

Background



This preview shows how black text looks on a background with the YUV color 164.2640, -47.4582, 8.5385.



This preview shows how white text looks on a background with the YUV color 164.2640, -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

164.2640, -47.4582, 8.5385

Protanopia

165.8960, -49.2487, 22.8932

Deuteranopia

167.5760, -47.1190, 39.8368



Tritanopia

173.8640, 3.0250, 9.7663

Trichromacy



Original Color

164.2640, -47.4582, 8.5385

Protanomaly

165.0910, -48.3589, 17.4602

Deuteranomaly

166.2110, -46.9390, 28.7560

Tritanomaly

170.3420, -15.4516, 9.3471

Monochromacy



Original Color

164.2640, -47.4582, 8.5385

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.1410, -17.3245, 3.3843

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2640, -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(174, 178, 68)` looks like.

```
.text, #text, p{  
    color:rgb(174, 178, 68)  
}
```

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(174, 178, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 178, 68) }
```

Border

The CSS property to change the border of an element to YUV 164.2640, -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(174, 178, 68) }
```


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

```
.border{ border-color:rgb(174, 178, 68) }
```

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

Here you see how a box with a 4 pixel rgb(174, 178, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 178, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 178, 68);  
box-shadow:4px 4px 4px 4px rgb(174, 178,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 164.2640, -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(174, 178, 68) }
```

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

```
.background{ background-color: rgb(174,  
178, 68) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor